

雑誌 40660-67

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C9979 ¥570E (1)

石川雅之

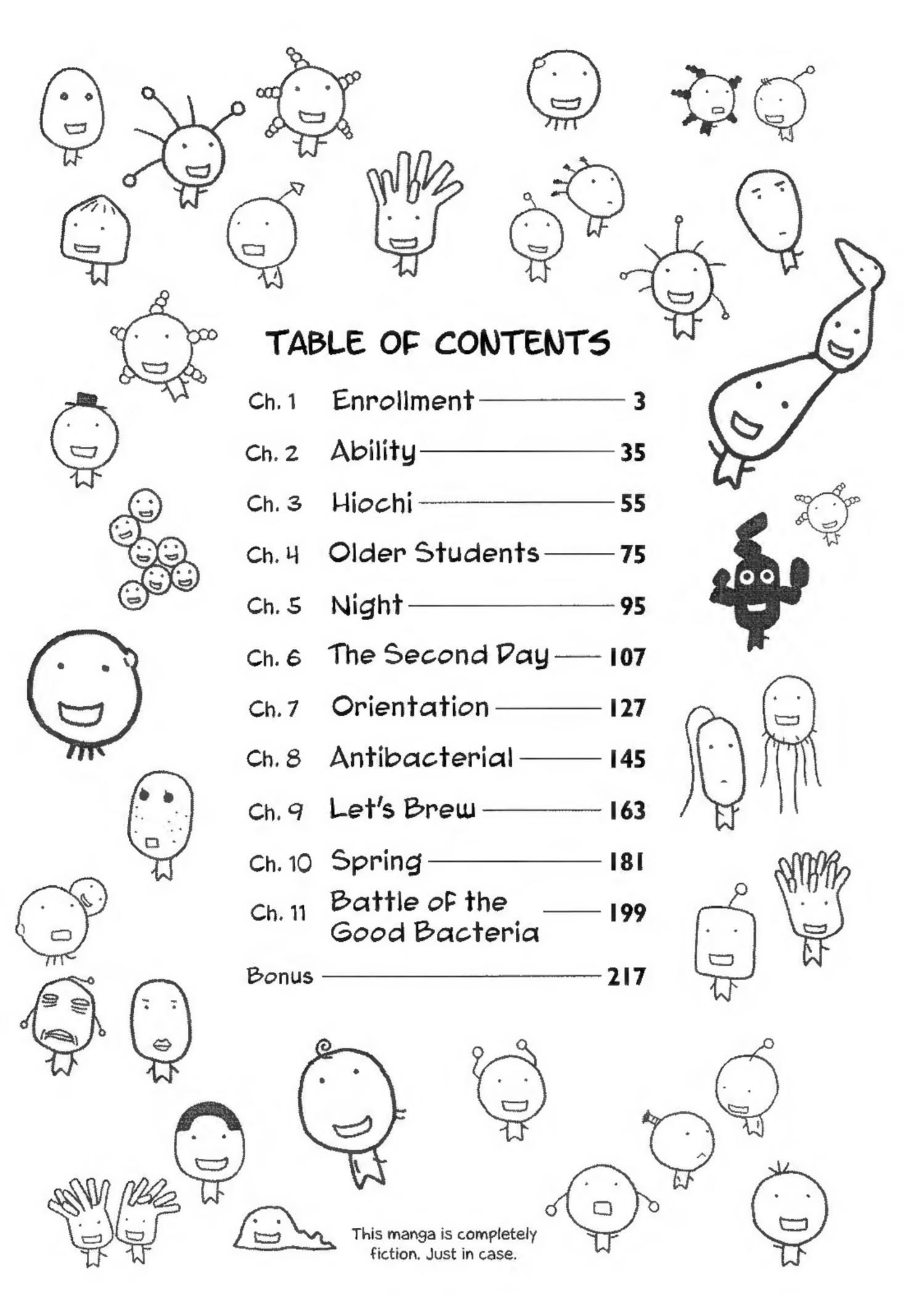
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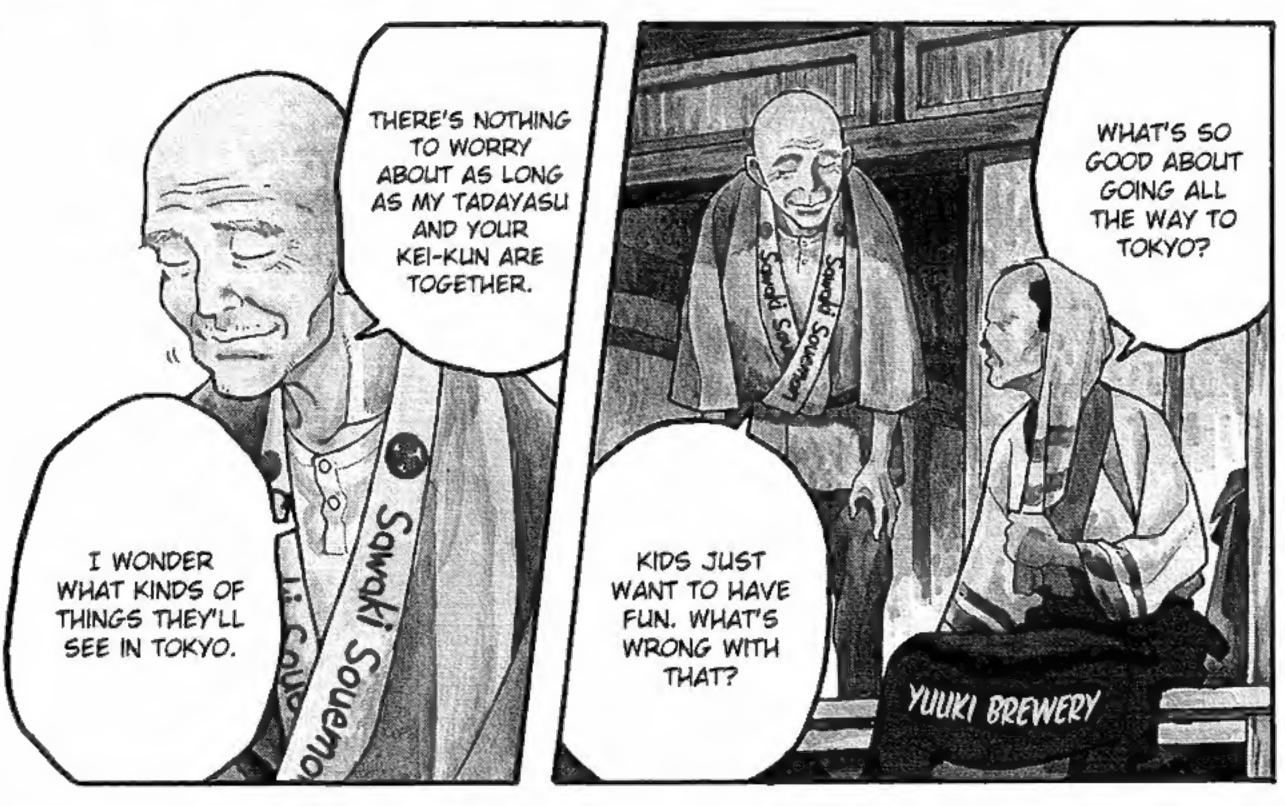


TALES OF AGRICULTURE

MASAYUKI ISHIKAWA







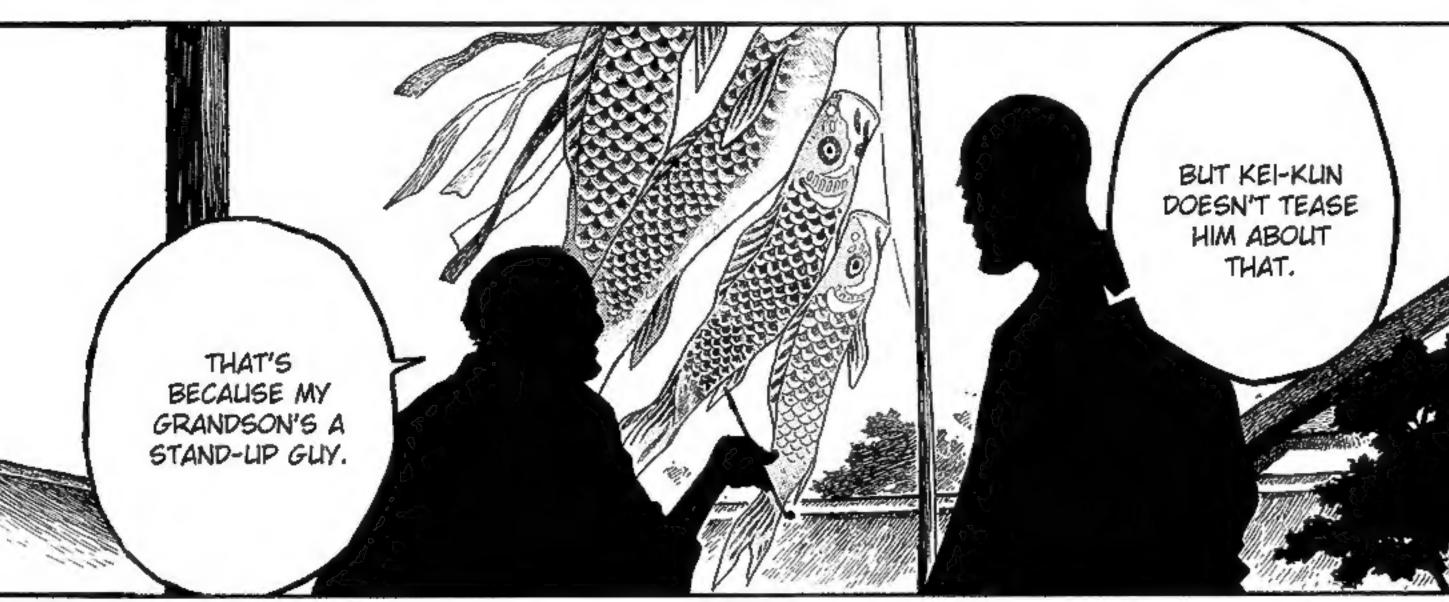




A. strap
I'd love
for them to
bundle this
with an
issue of
Evening.





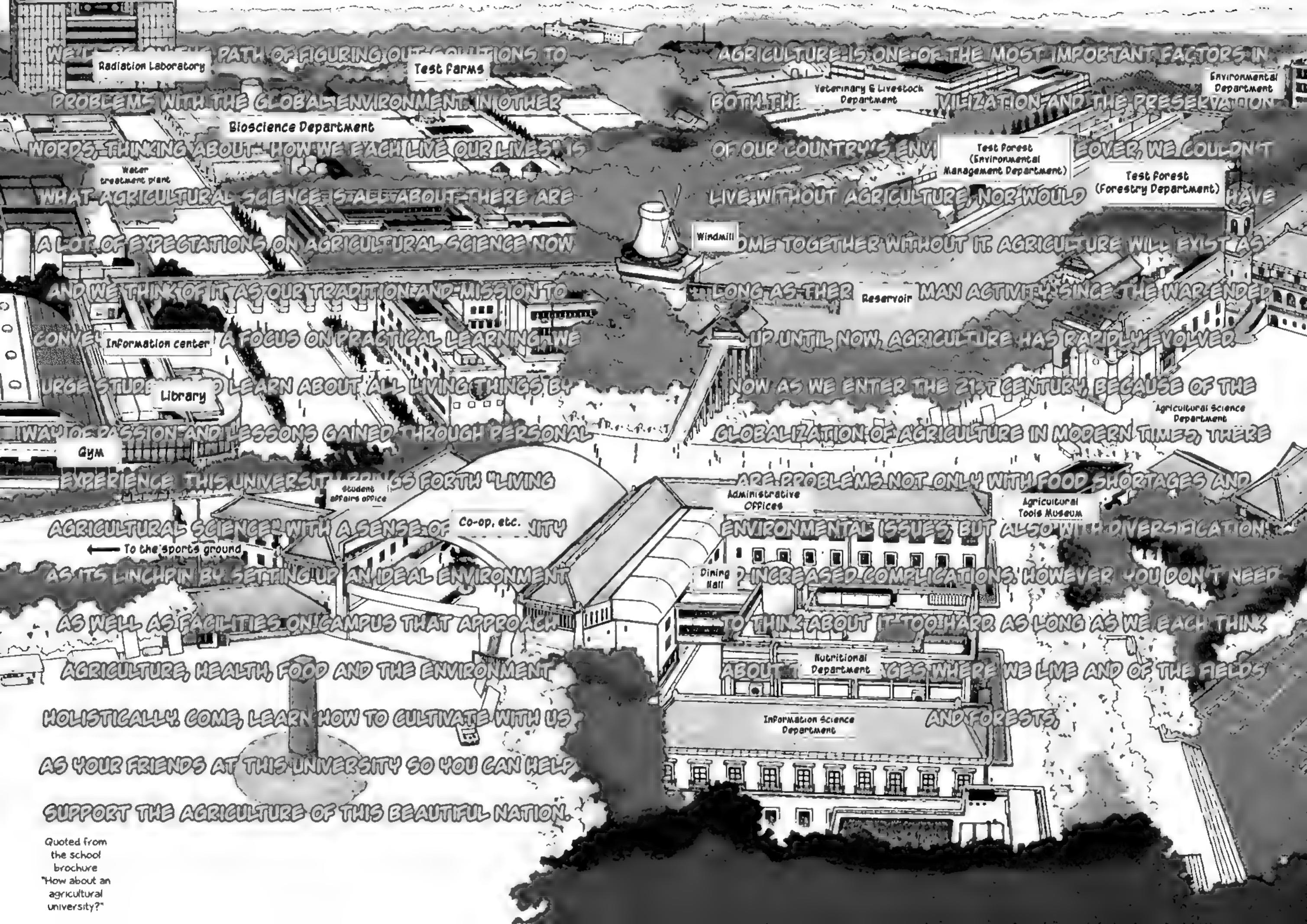


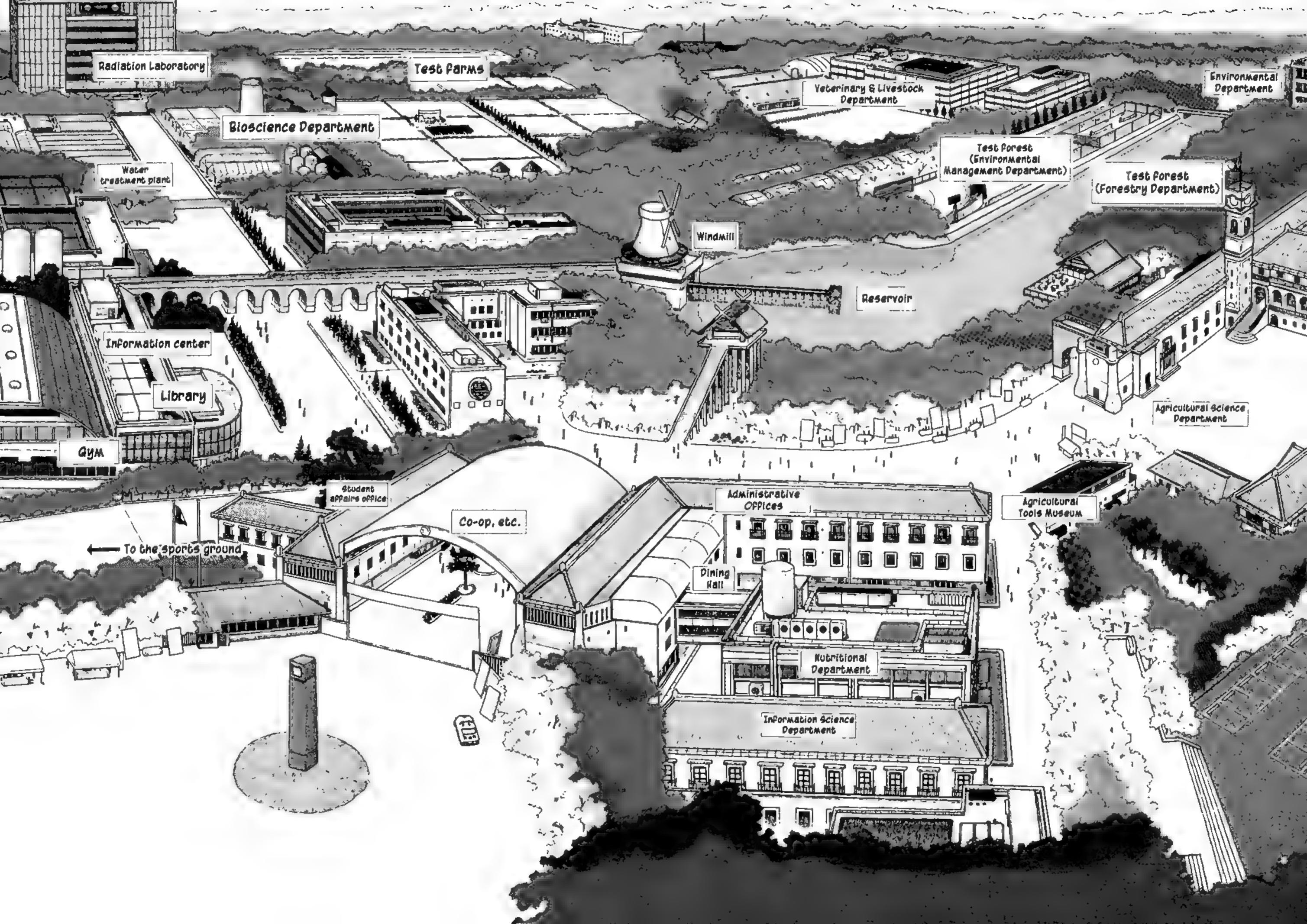
















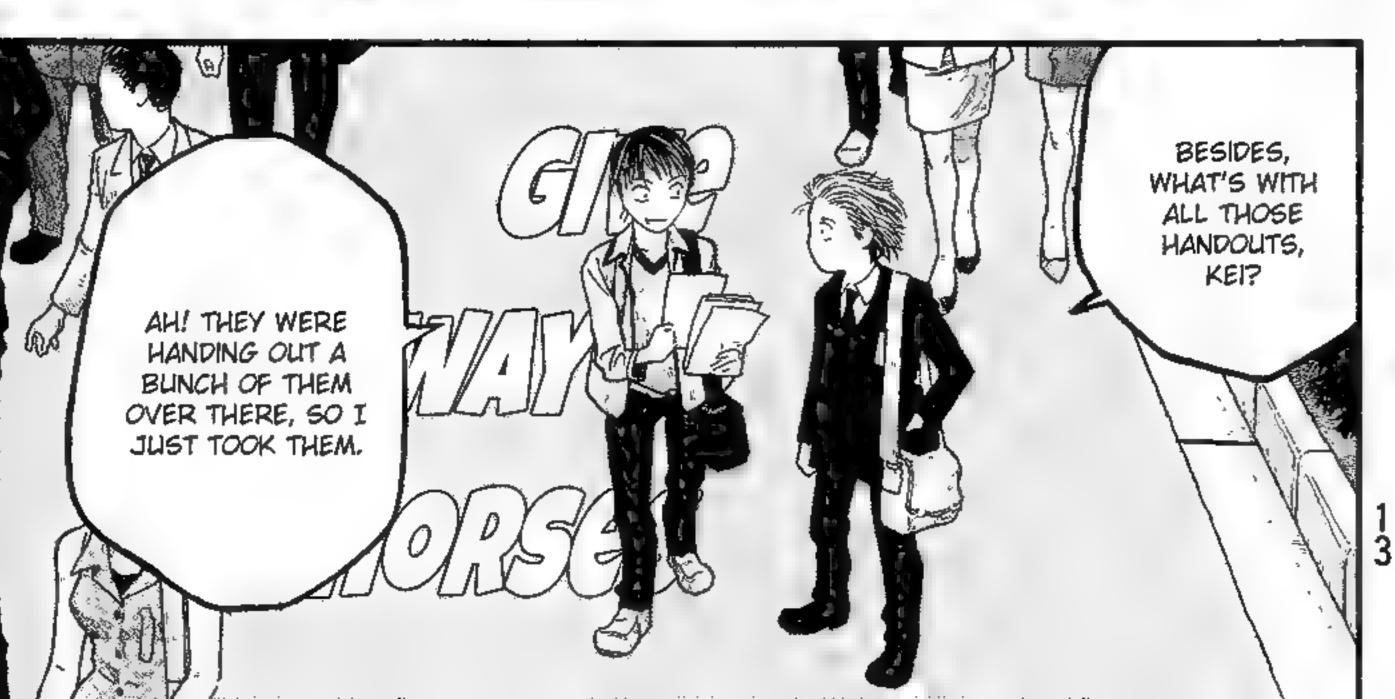








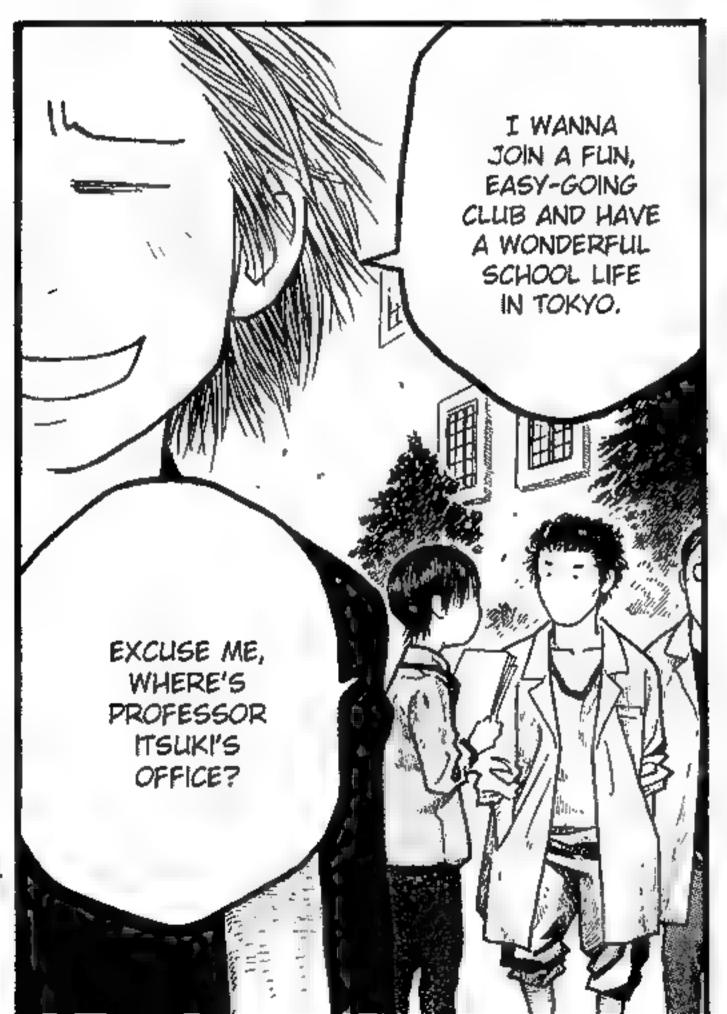






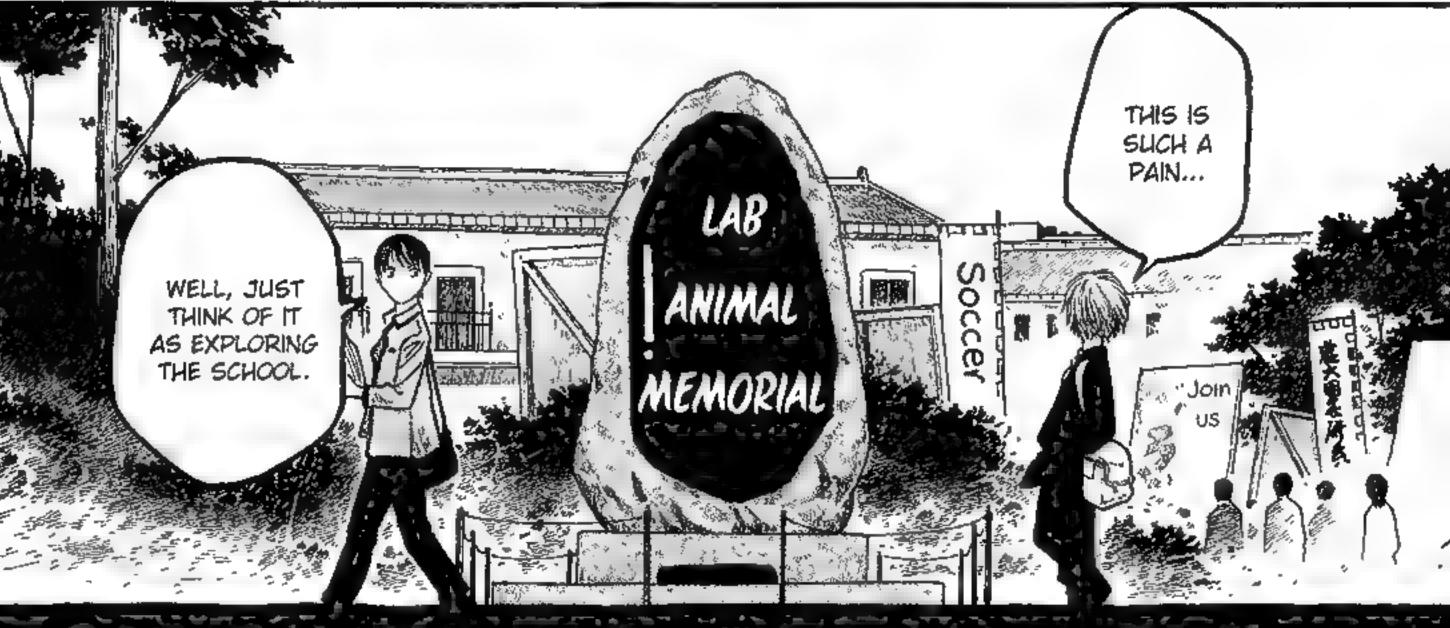










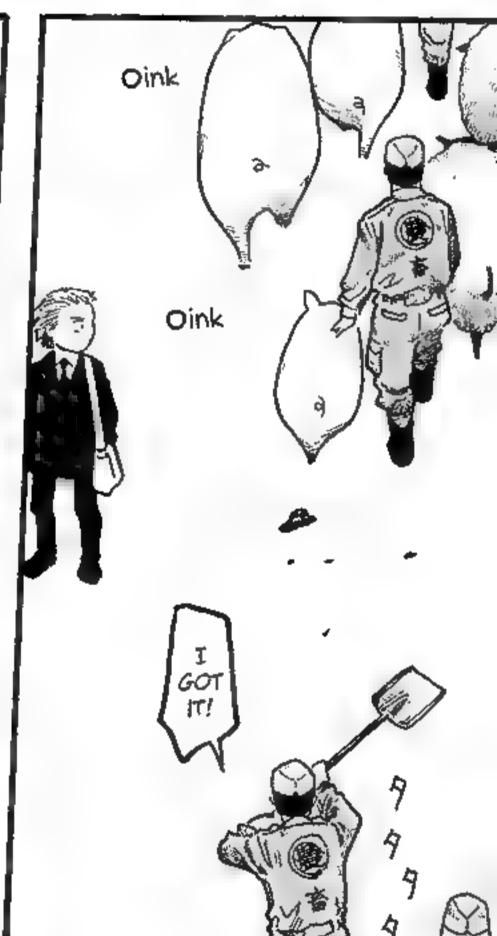










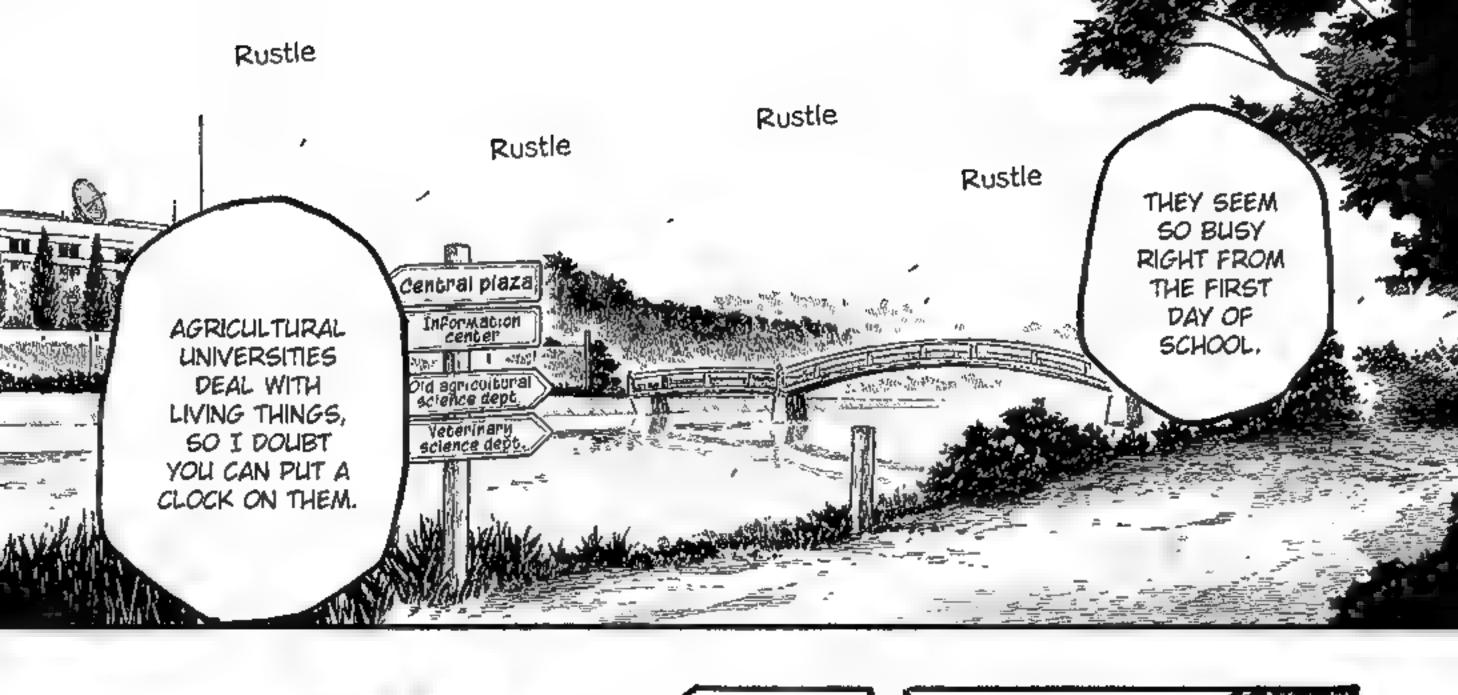




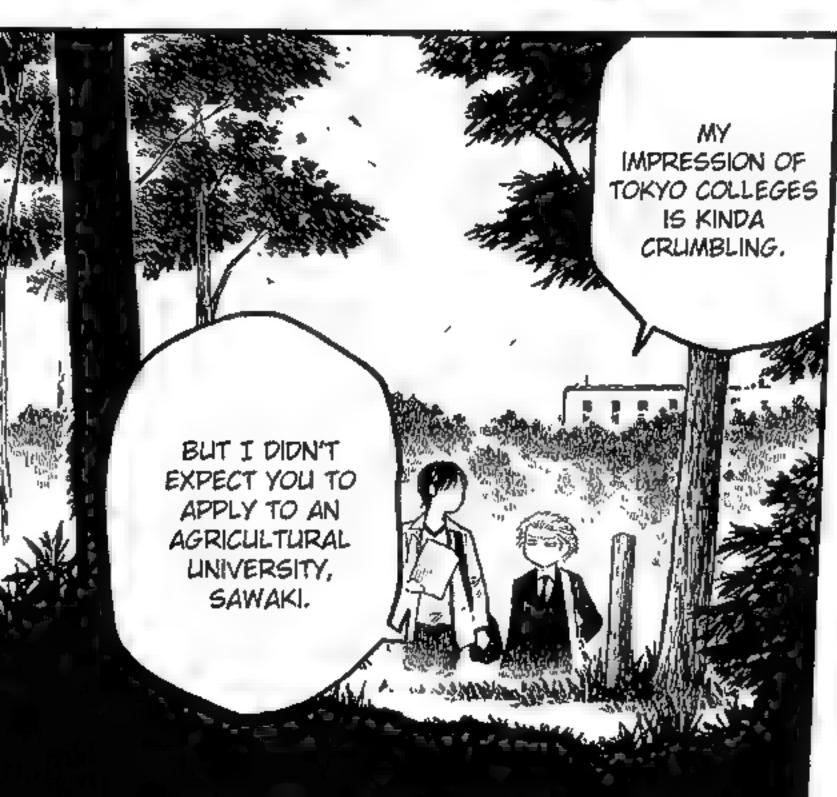
THERE'S
PLENTY
MORE WHERE
THAT CAME
FROM.

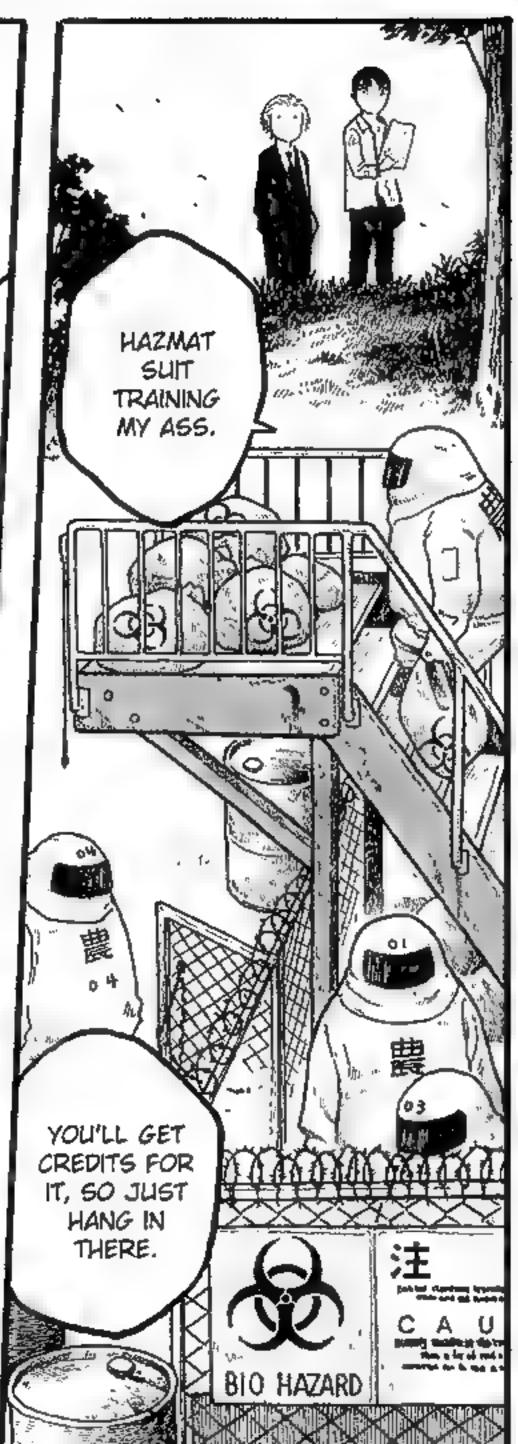


I THINK I CAN PICK UP ANY KIND OF SHIT THERE IS.













Moyashi'
Koji
moldstarter
suppliers
are
called
"Moyashi
shops"































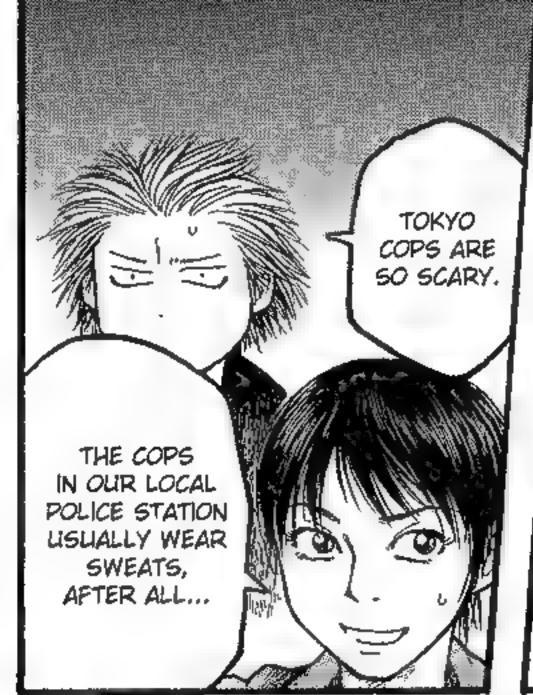














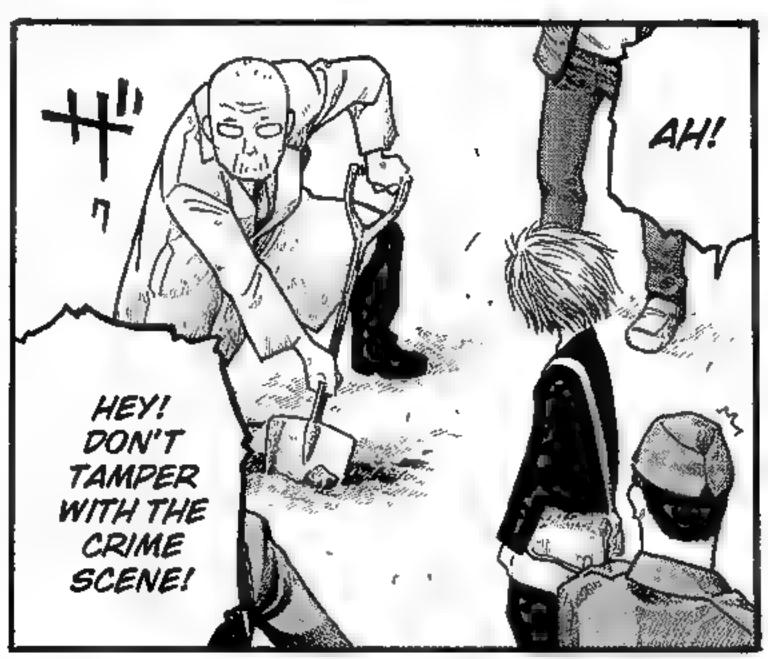








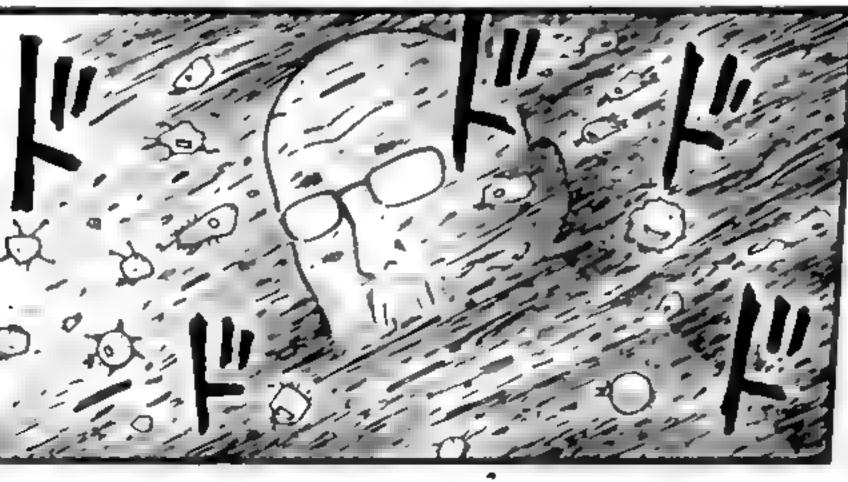






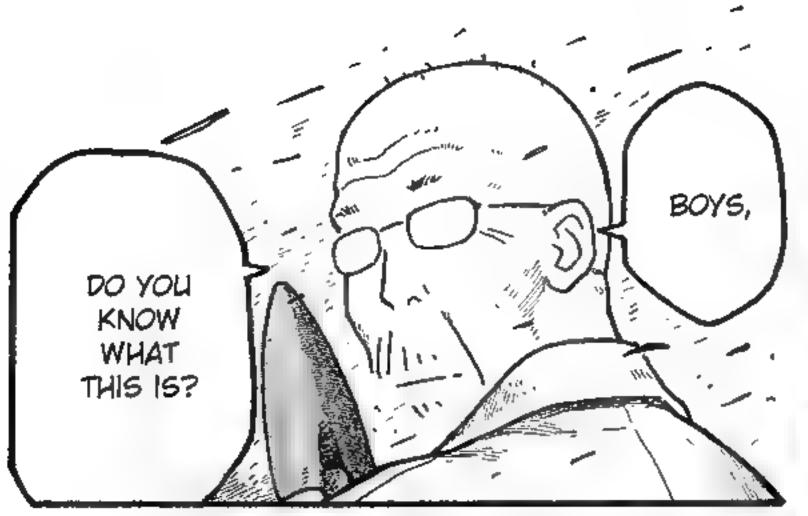


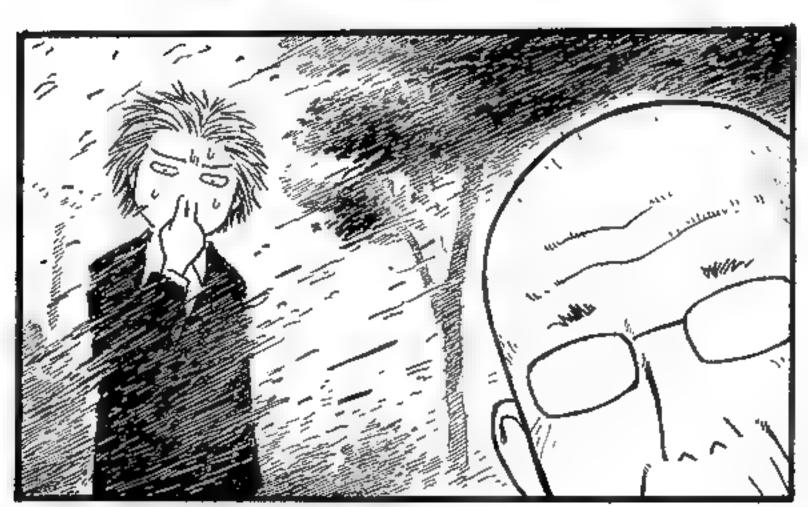








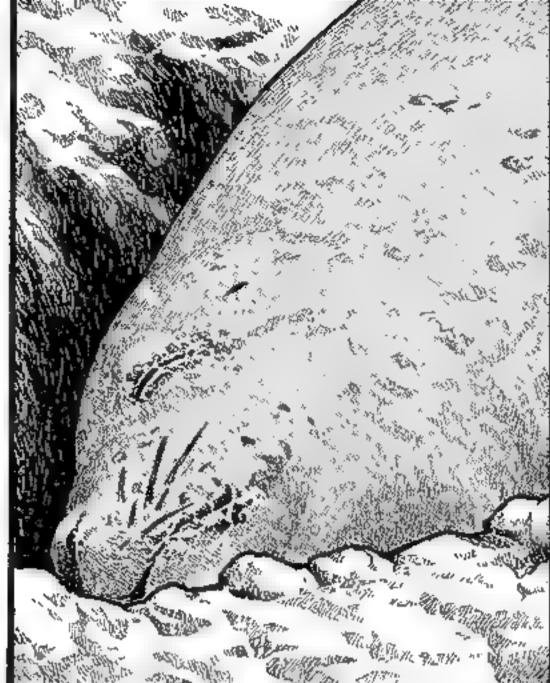












DO YOU NOT UNDERSTAND THE DIFFERENCE BETWEEN THE SMELL OF LACTIC ACID FERMENTATION AND THE SMELL OF DECOMPOSITION?



NOT QUITE.

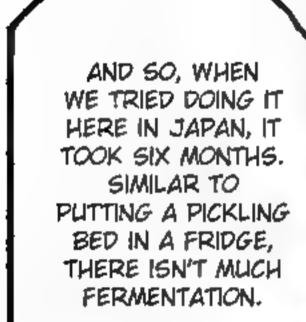
The note: Tama-chan was a seal spotted from 2002-2004 on the Tama River in Tokyo.

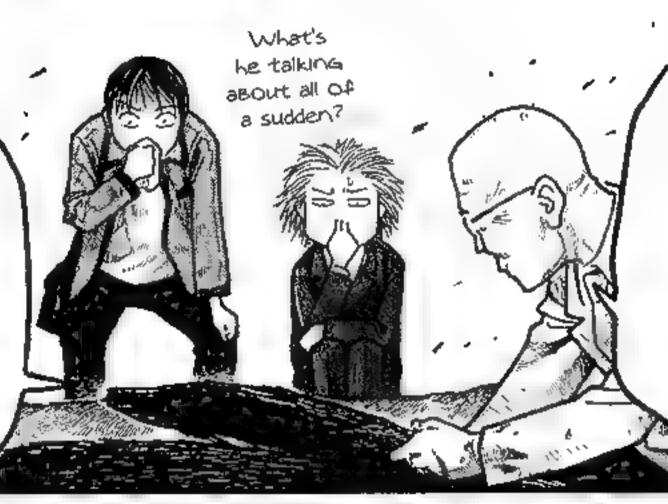




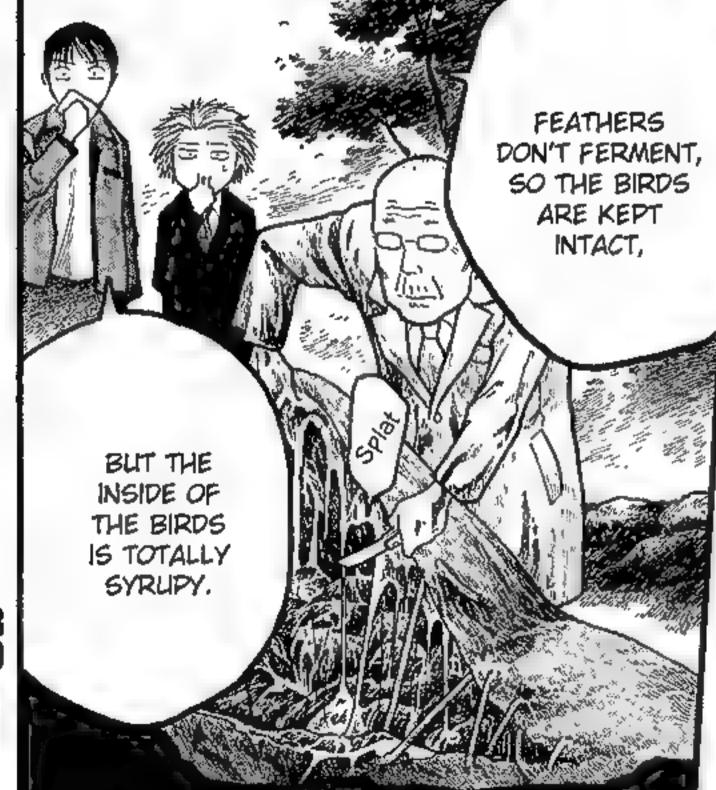








MONTHS TO MAKE
KIVIAK IN ALASKA,
BUT THAT'S BECAUSE
THE FERMENTATION
PROCESS DOESN'T
TAKE HOLD OUTSIDE
OF THE SUMMER
SINCE THE LAND
FREEZES OVER
DURING THAT TIME.

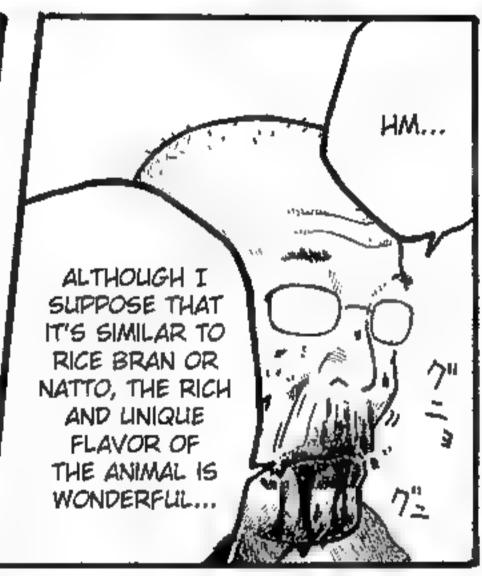


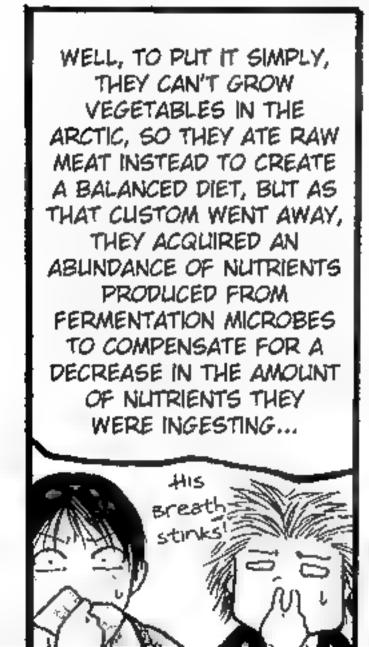




























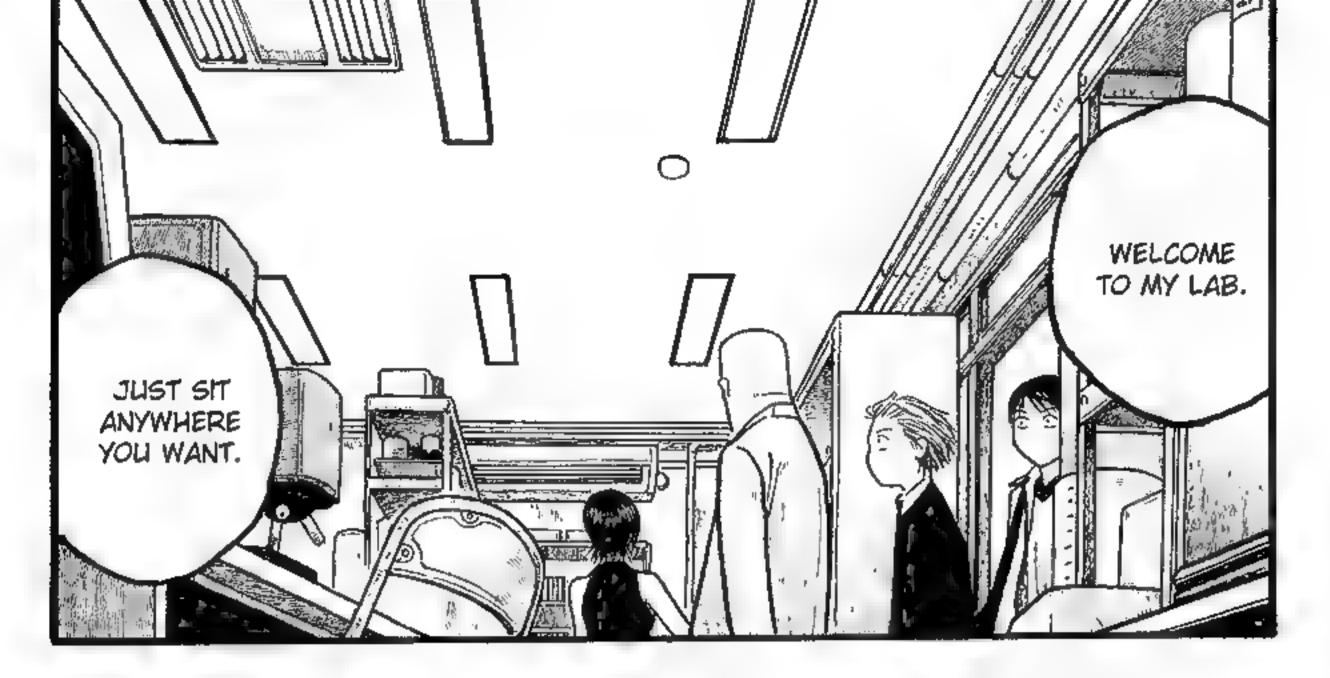




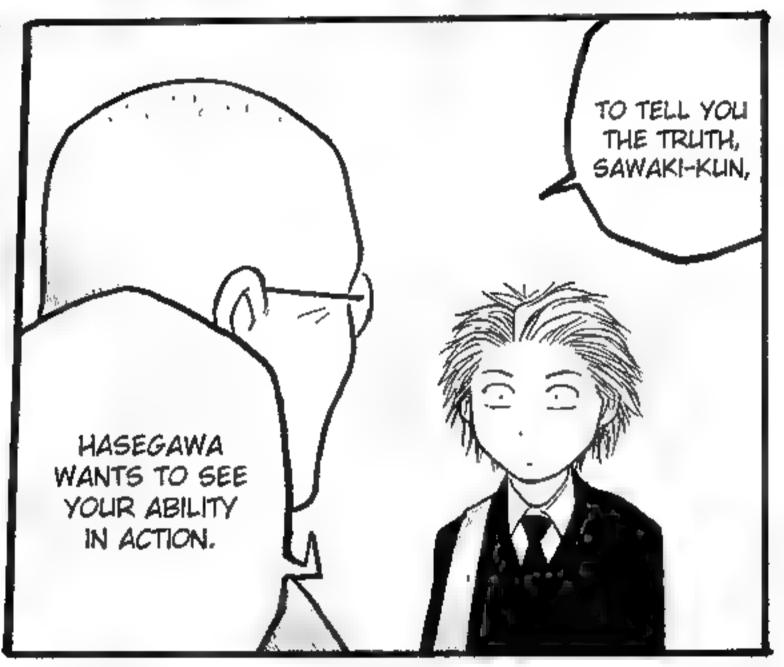




















He's the main character His parents run a koji mold-starter supplier For some reason, he can see microbes.



His parents run a sake

brewery







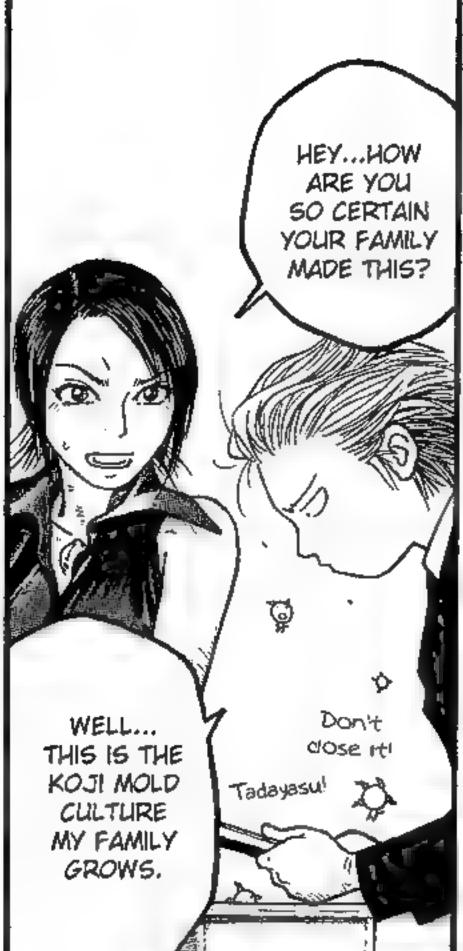
Haruka
Hasegawa
She's a
graduate
student at
a certain
agricultural
university
She's one
of Professor
Itsuk's
students

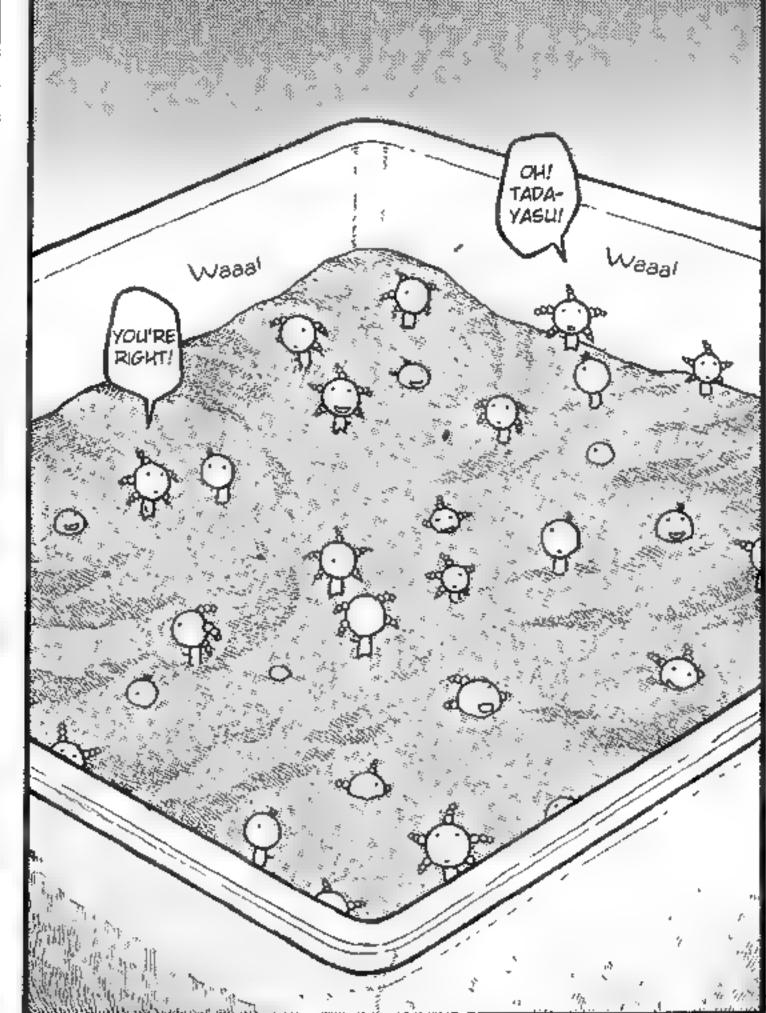


A. oryzae
It thinks
It can do
pretty much
anything
by Itself



A. sojae
It's
long-winded
when it
comes to
flavor.







Pediococcus halophilus It acts like a sommel er



YOU MUST BE ABLE TO TELL ITS YOUR FAMILY'S FROM HOW IT LOOKS AND SMELLS...

HMM...





Keizou
Itsuki
He's a
professor
at a certain
agricultural
university.
He's a
friend of
Sawaki's
grandfather













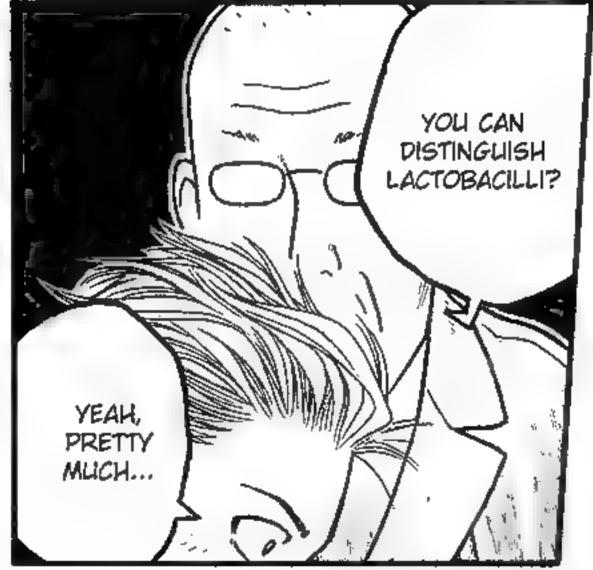


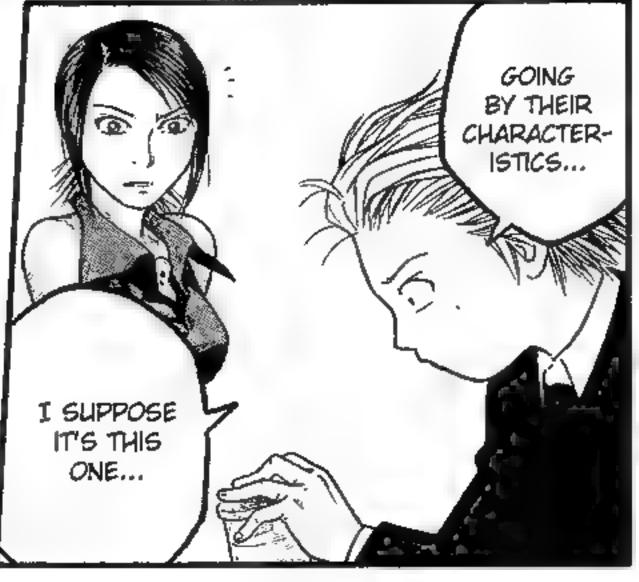


It acts like a special attack unit.

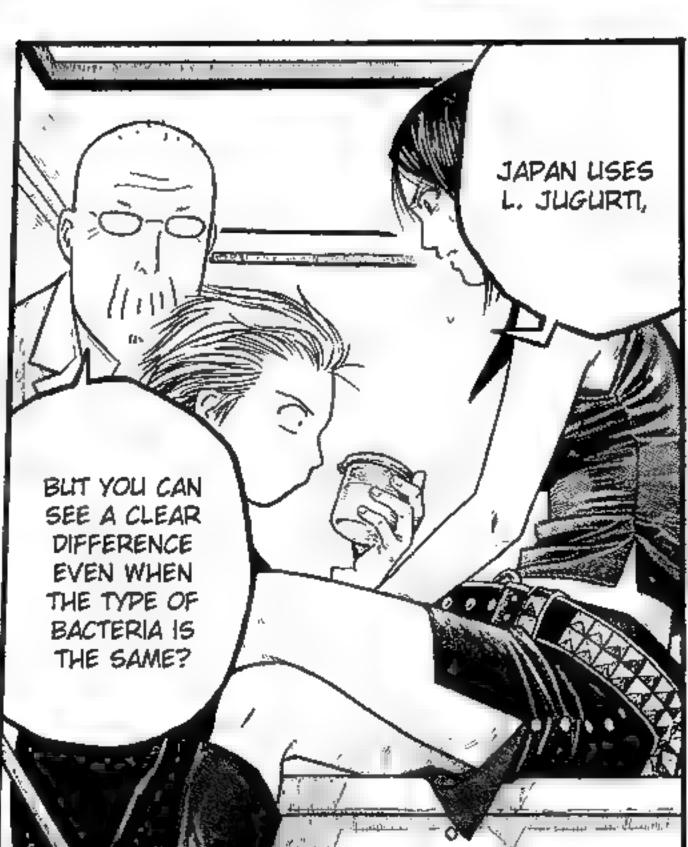


bulgaricus It also (kes the summer

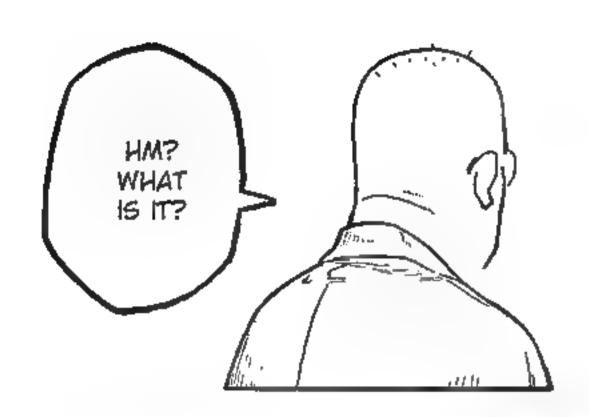








L. jugurti
It doesn't
speak
archaic
Japanese













L.
plantarum
It's
looking for
someone
rich who
will support
and love it.





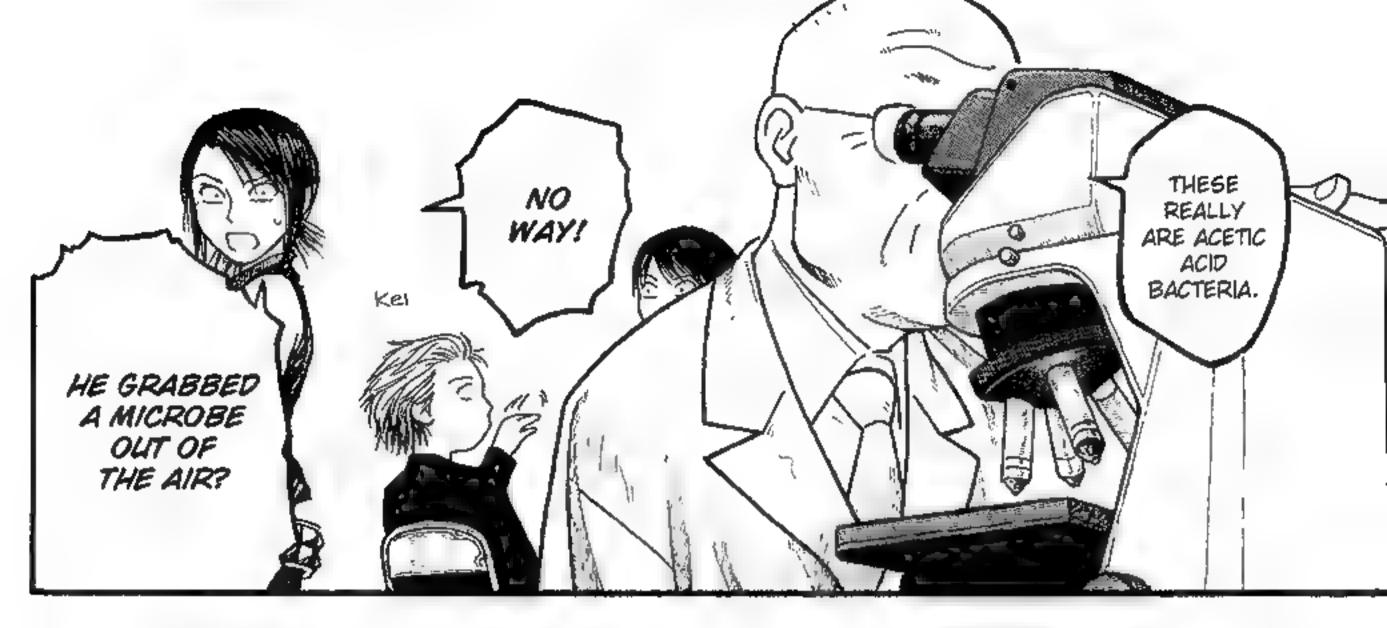


A. aceti It feels at ease when it crystal zes



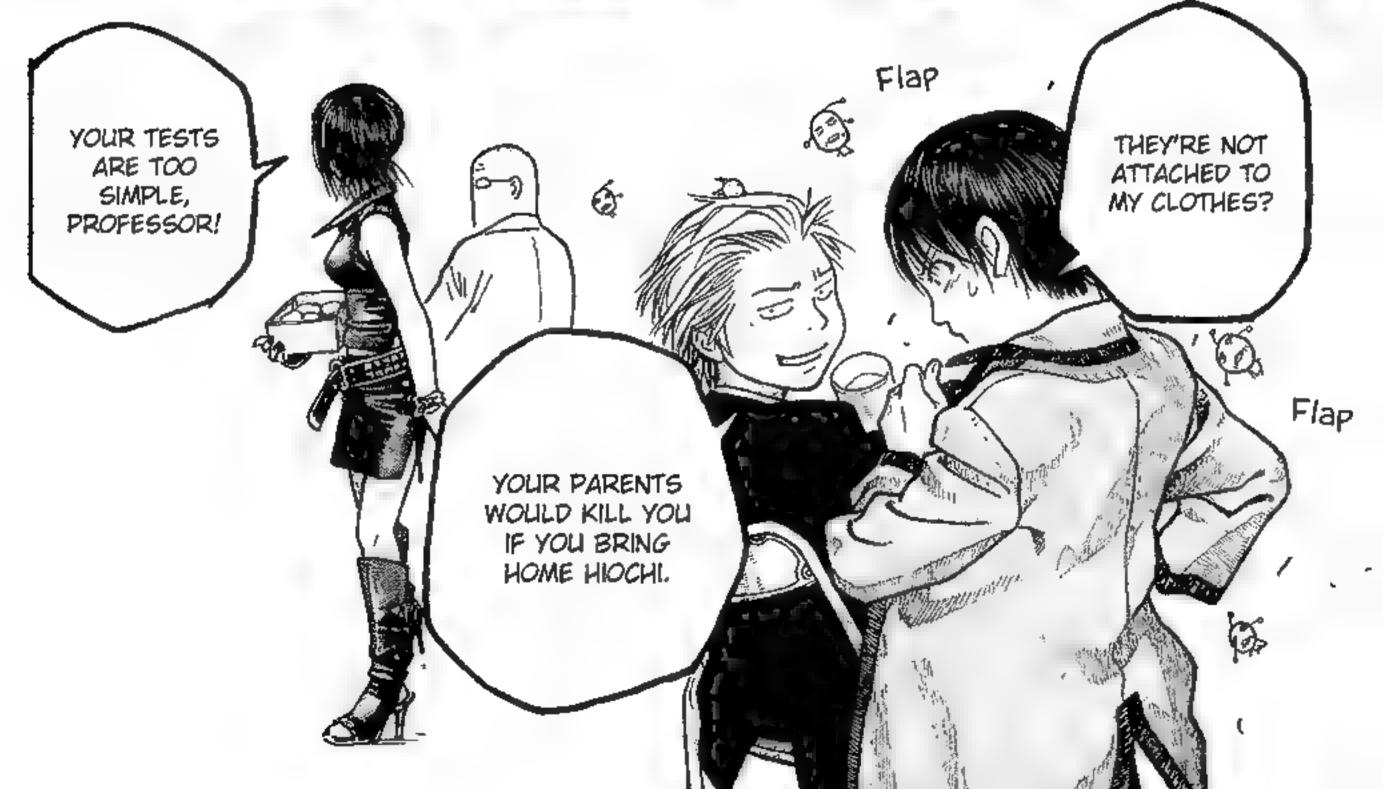




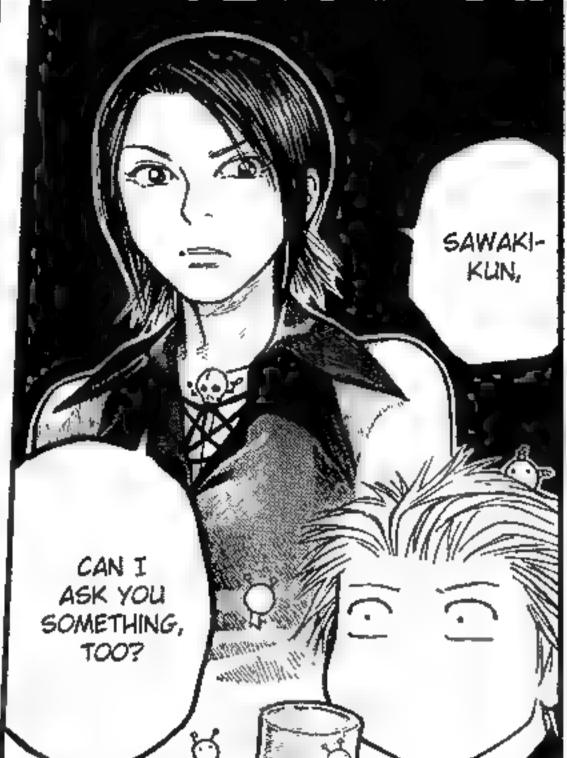




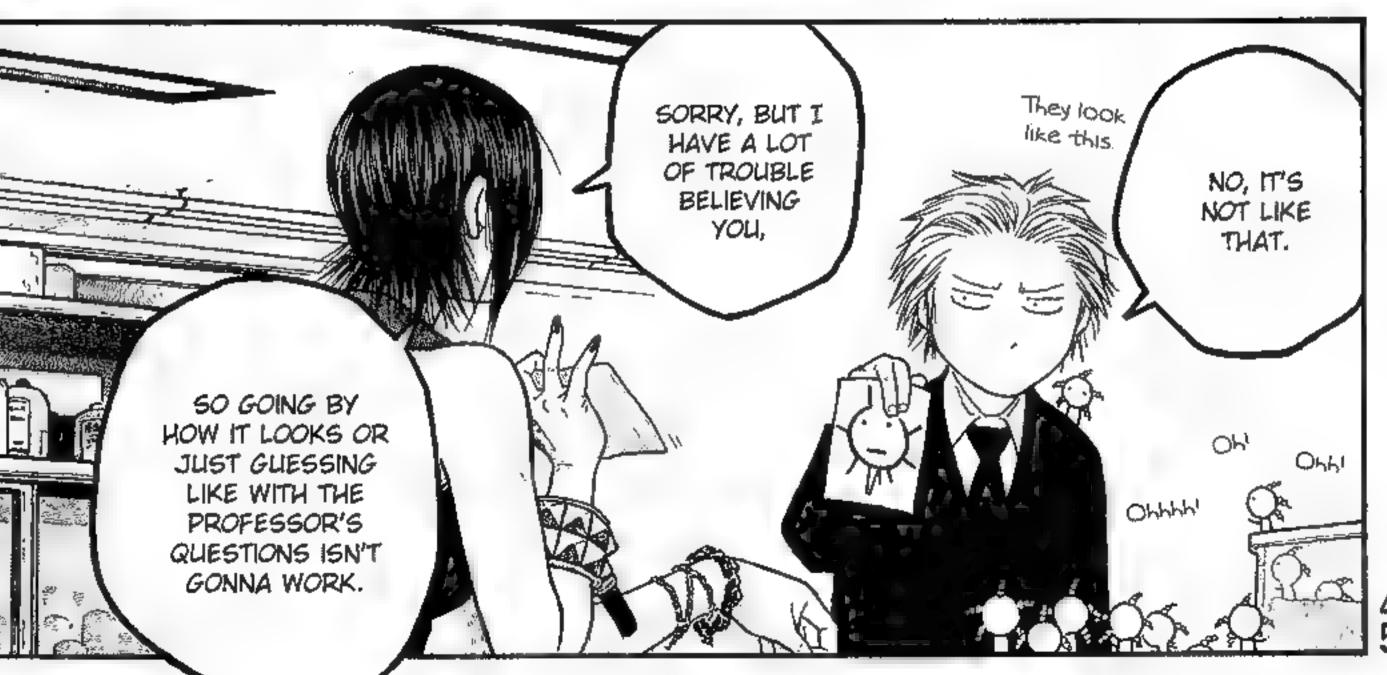


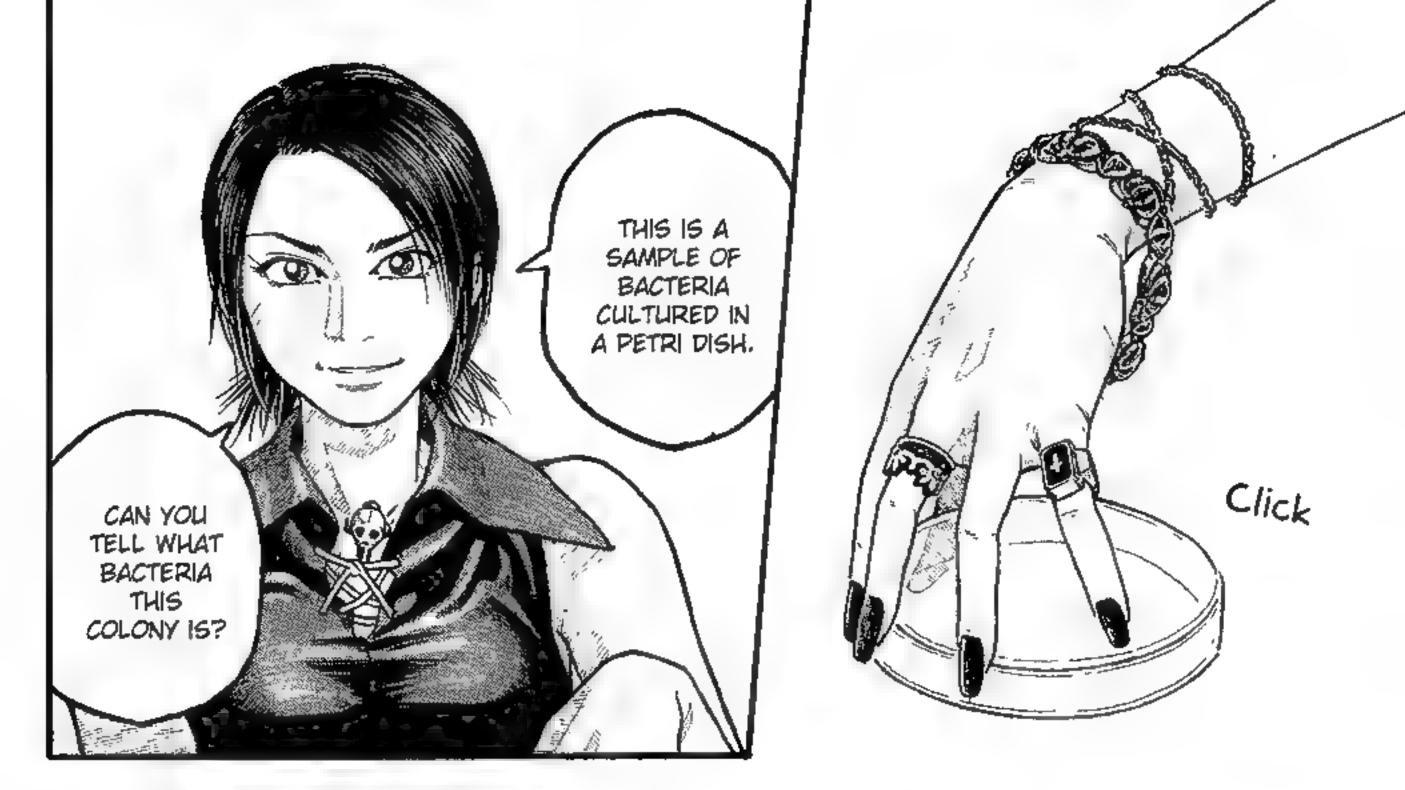


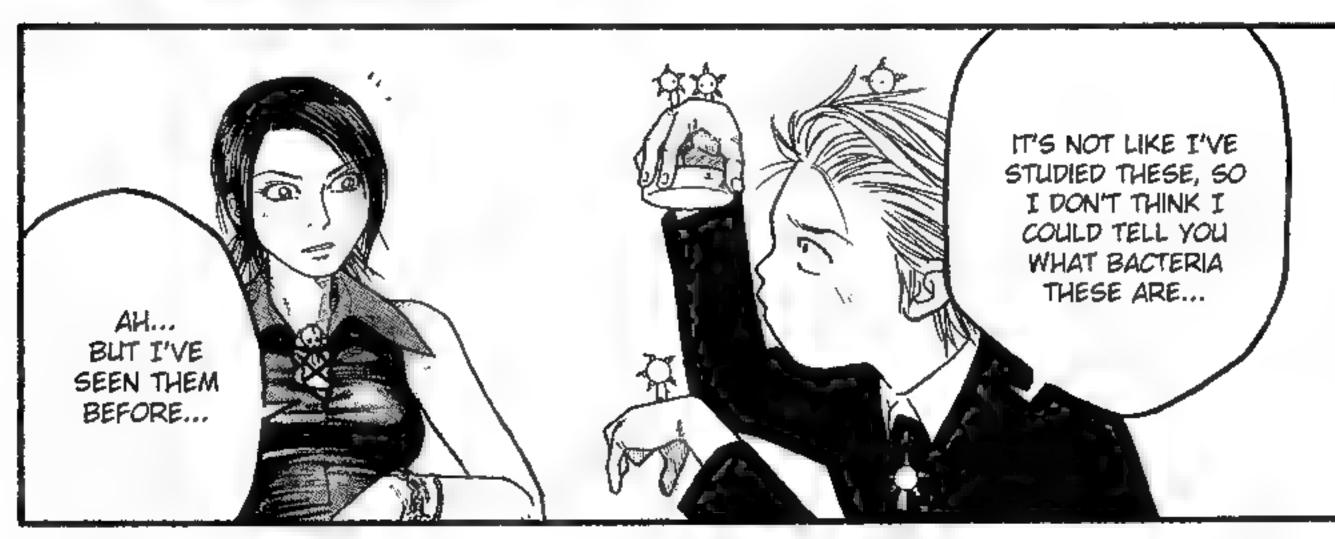


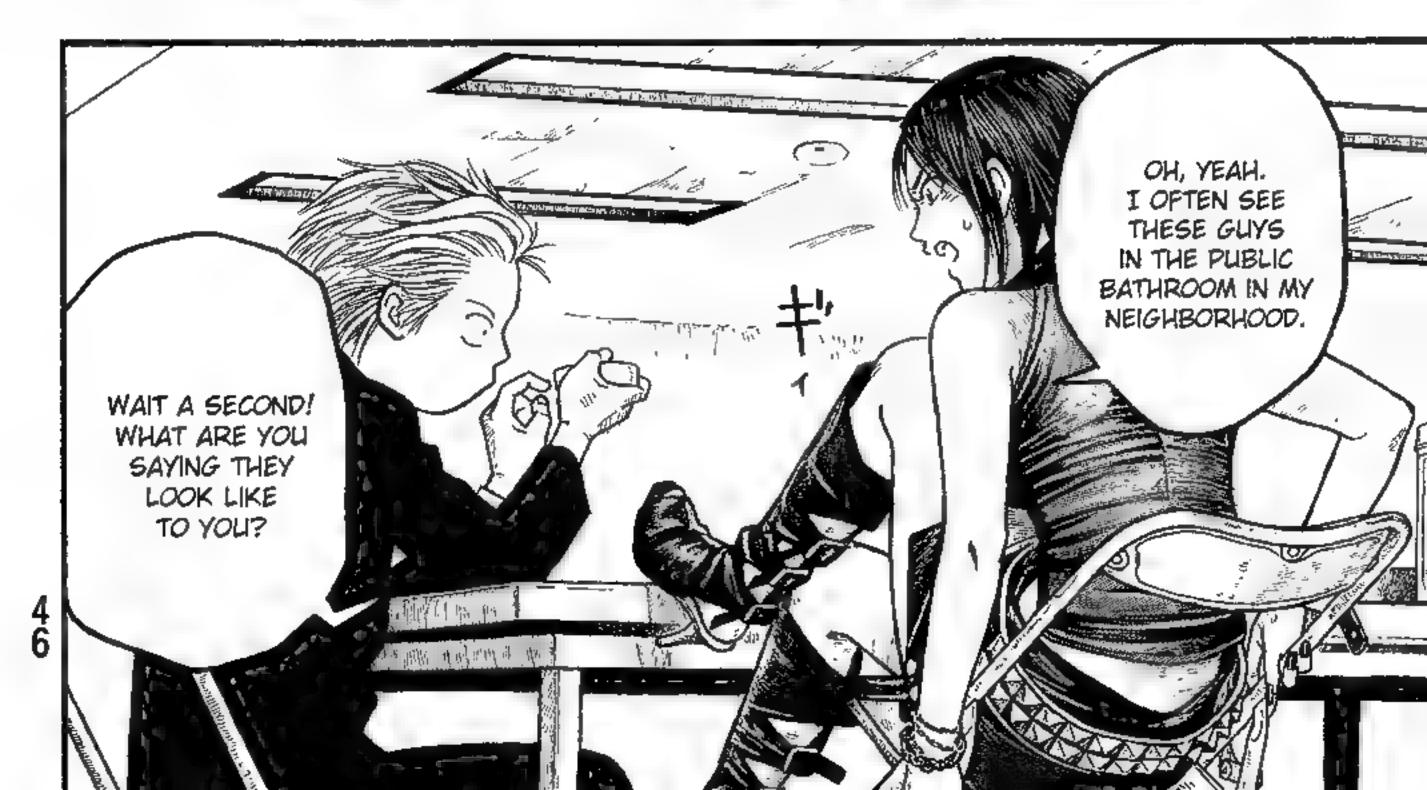




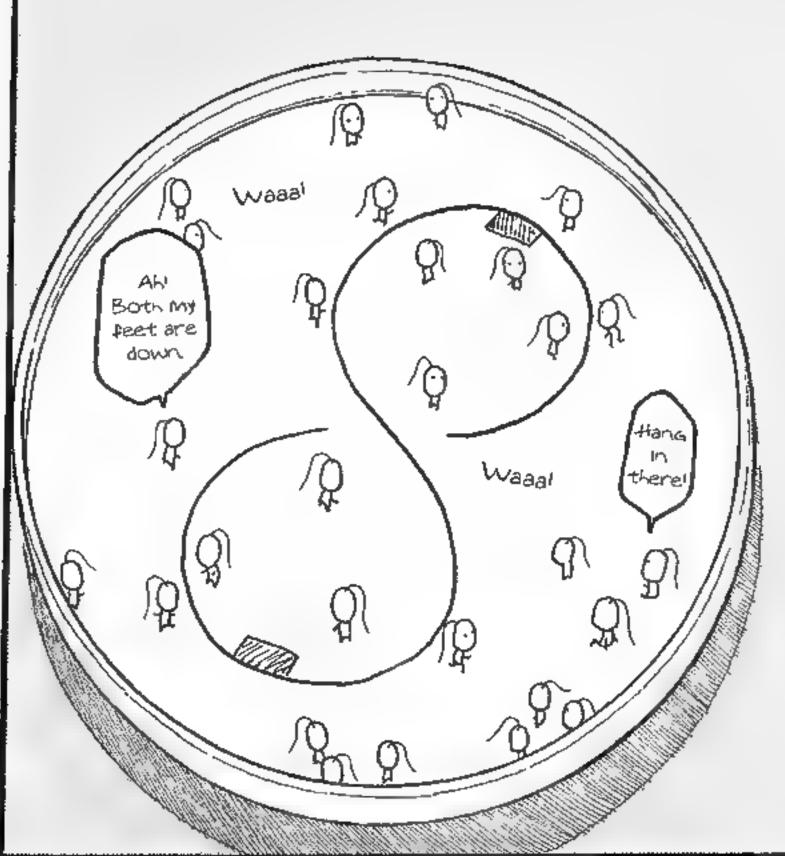








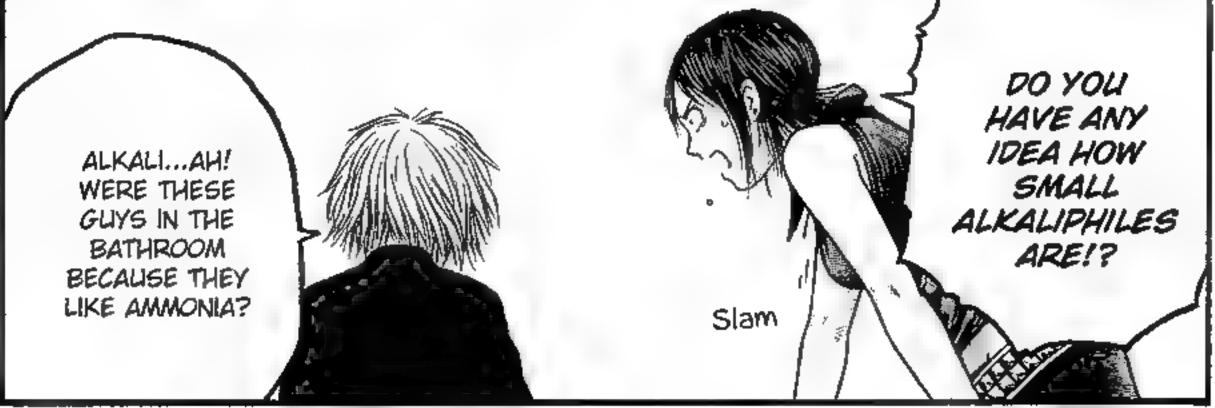




11 note: S-ken is a children's game similar to capture the flag played on an S-shaped field. Players hop on one foot and are out if both feet touch the ground.



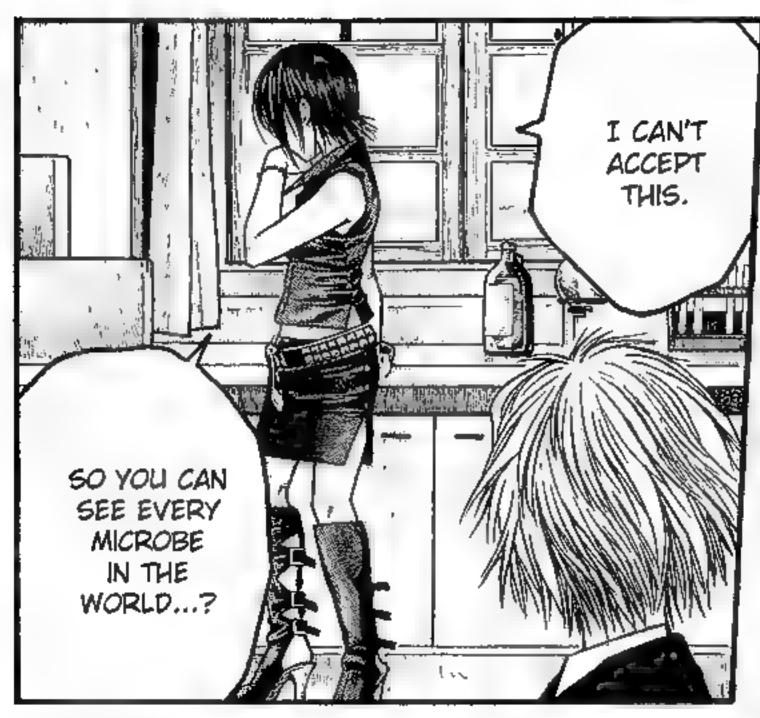
anything.



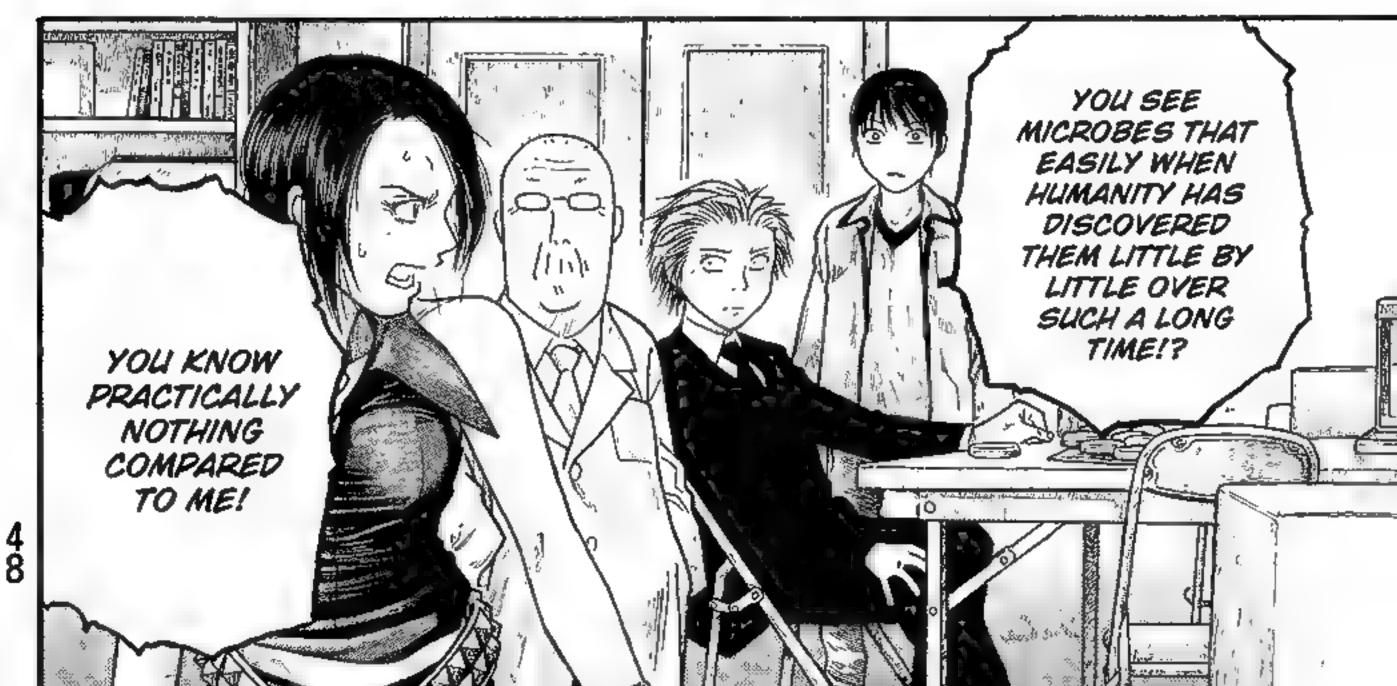










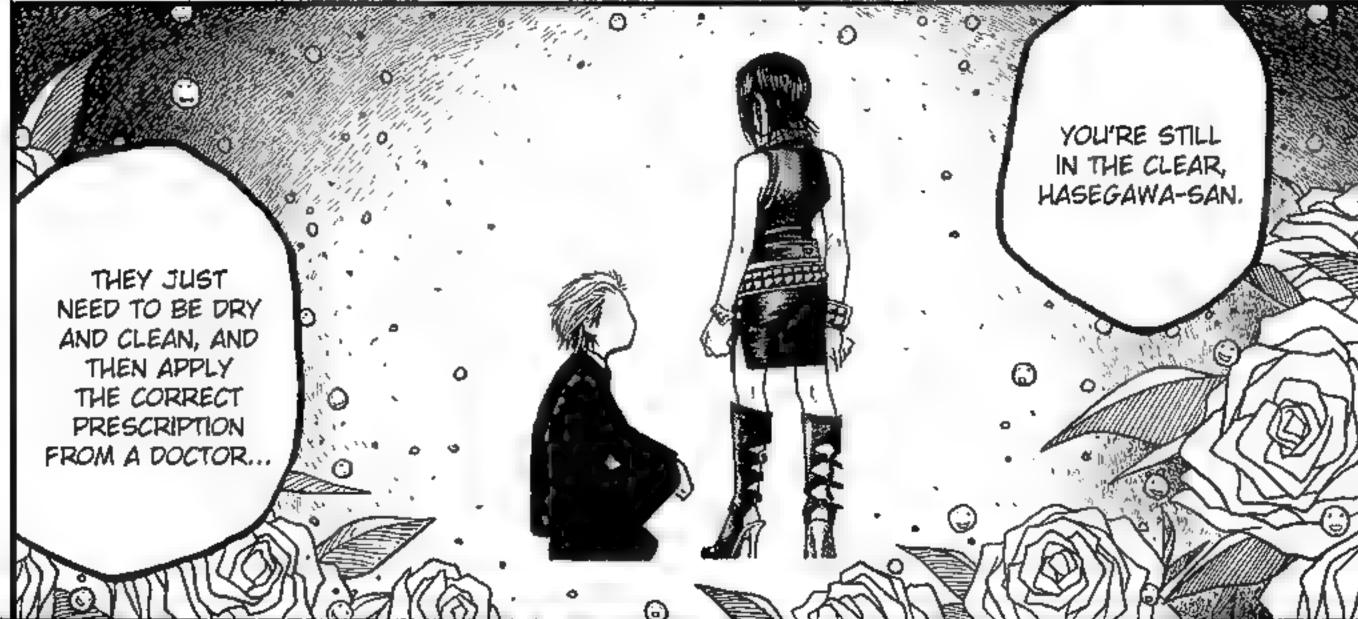












ATHLETE'S FOOT



Trichophyton
fungus
It s a type
of mold
(fungus)
It likes
young boys
and g rls.







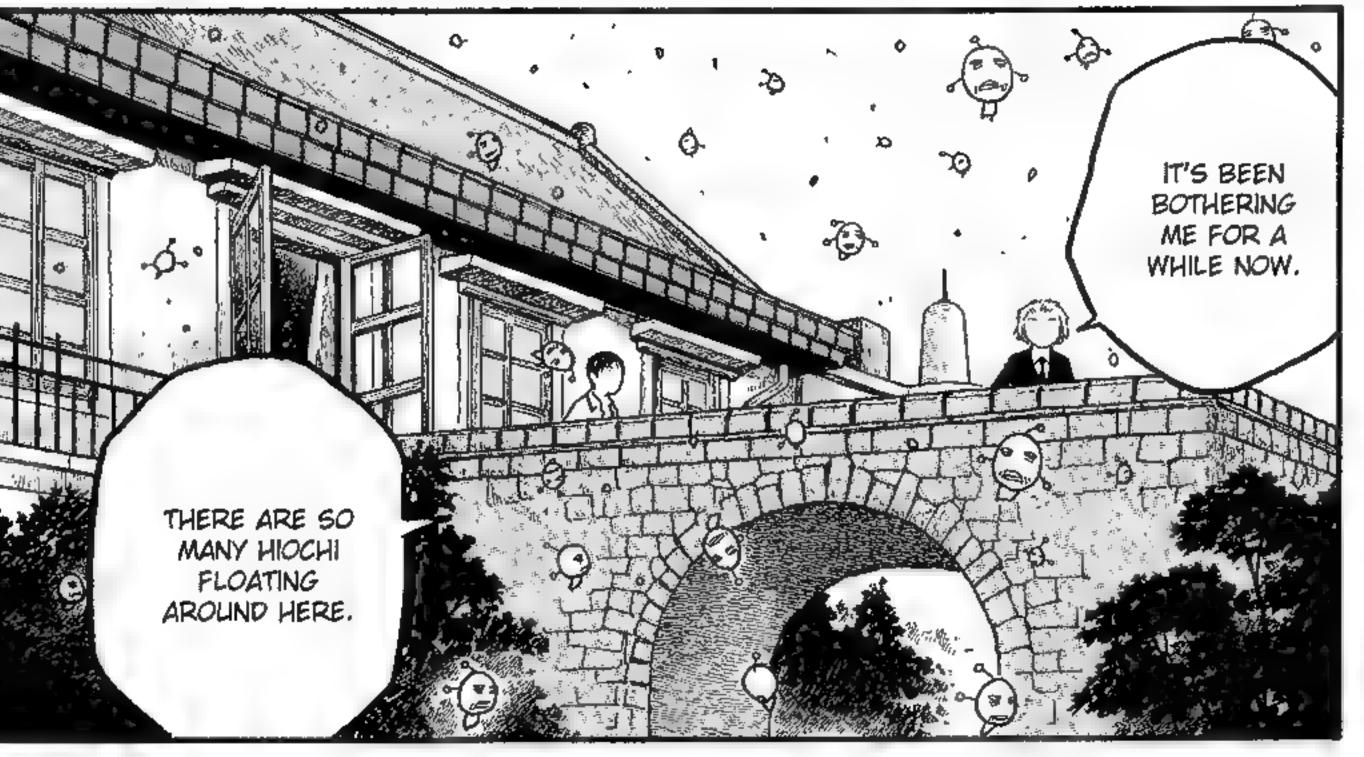










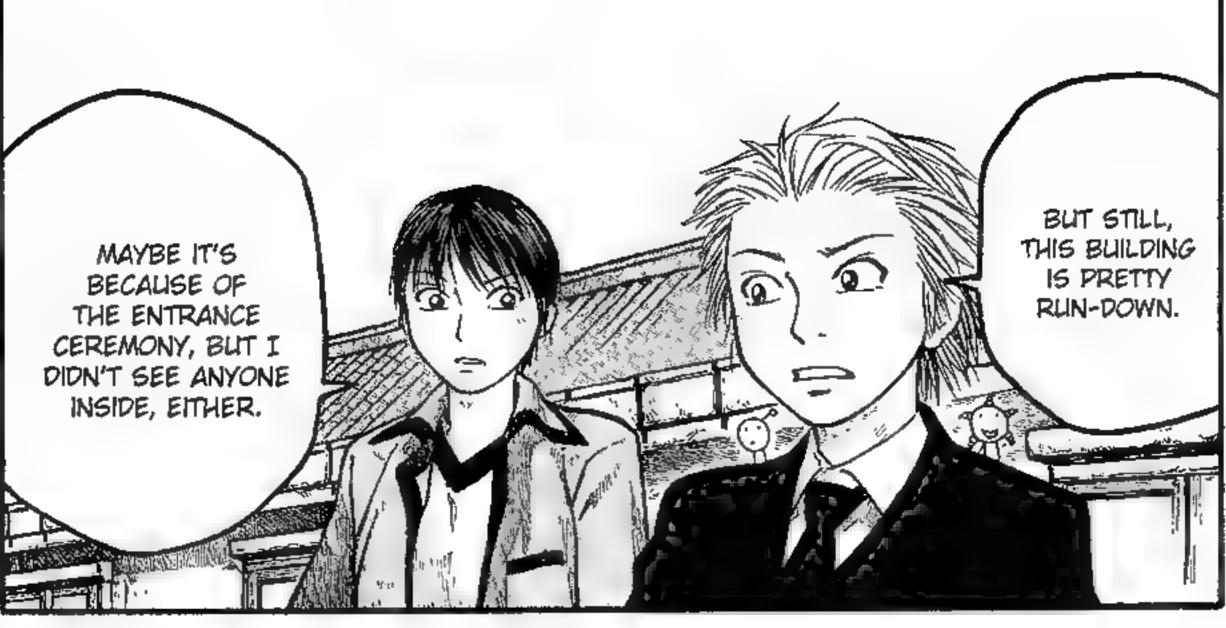
















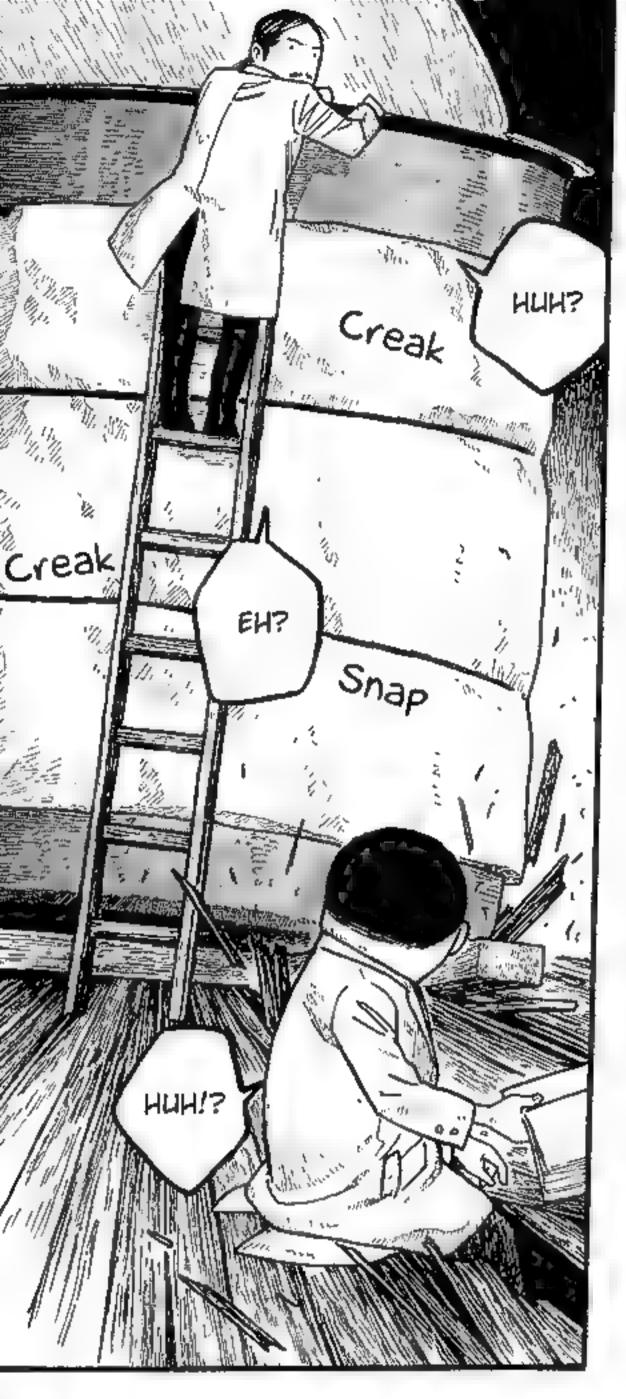






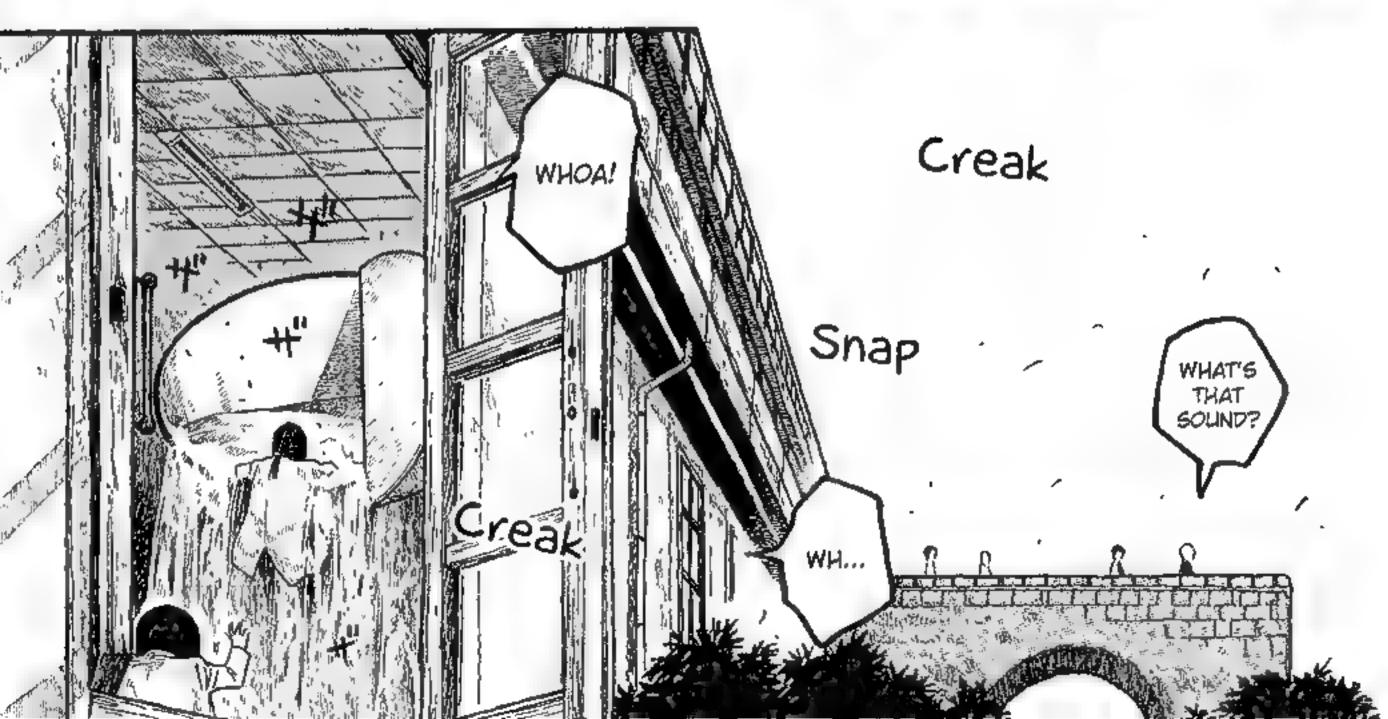




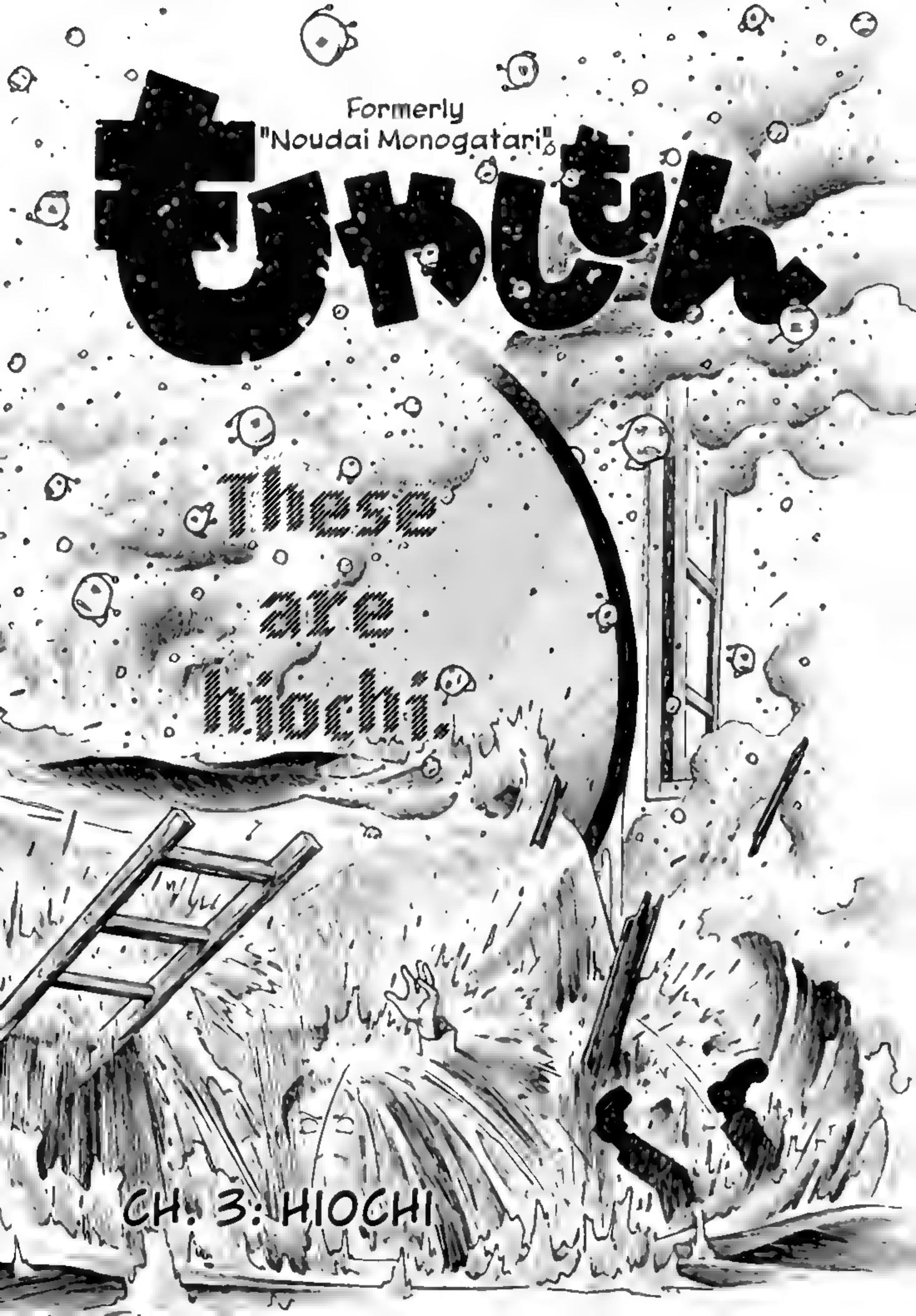






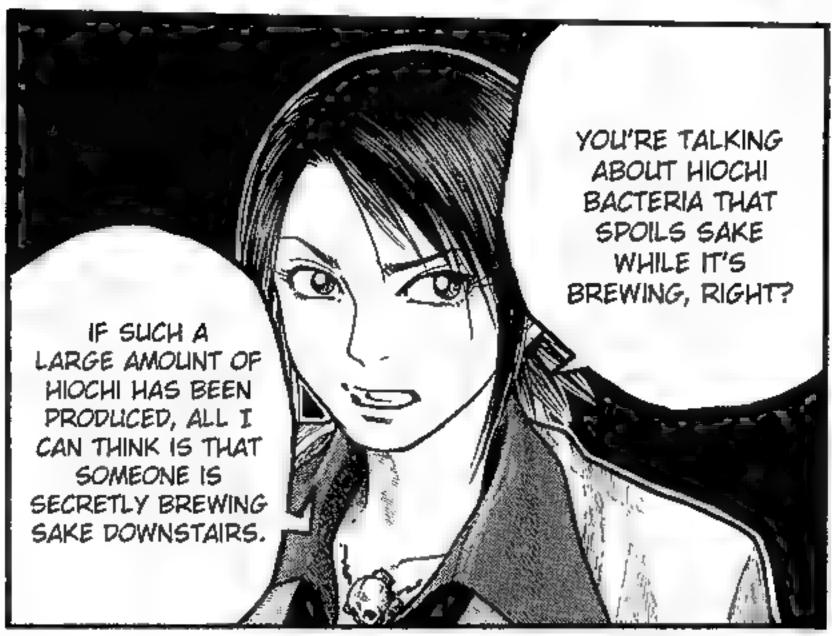
















Tadayasu
Sawaki
He's
the main
character
His parents
run a koji
mold-starter
supplier
For some
reason,
he can see
micropes.



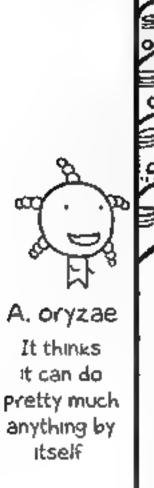


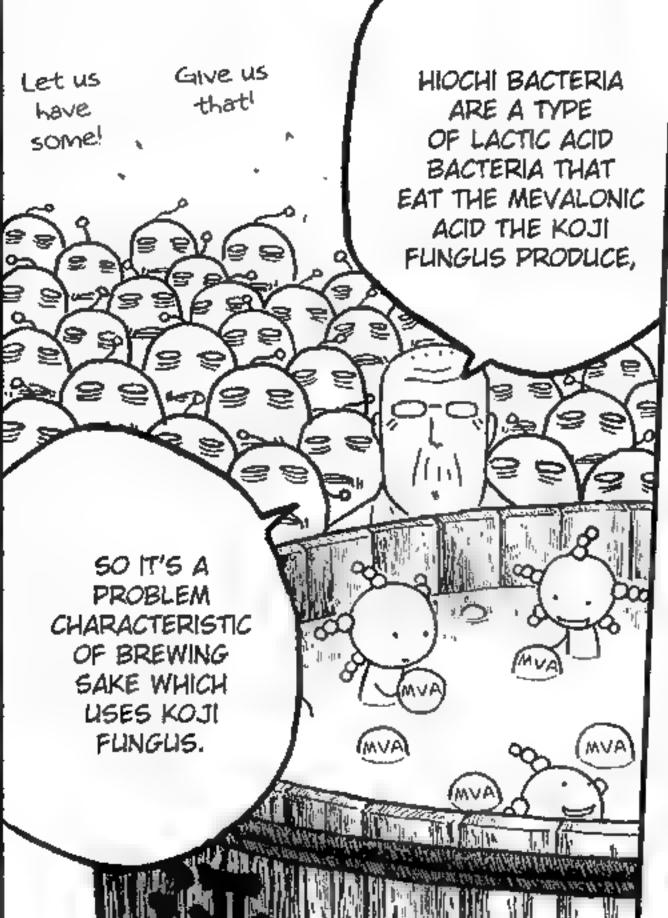




fructivorans

Also known as "hiochi bacter a", it will come by if you leave a bottle of sake open in your house. Eh heh! "O

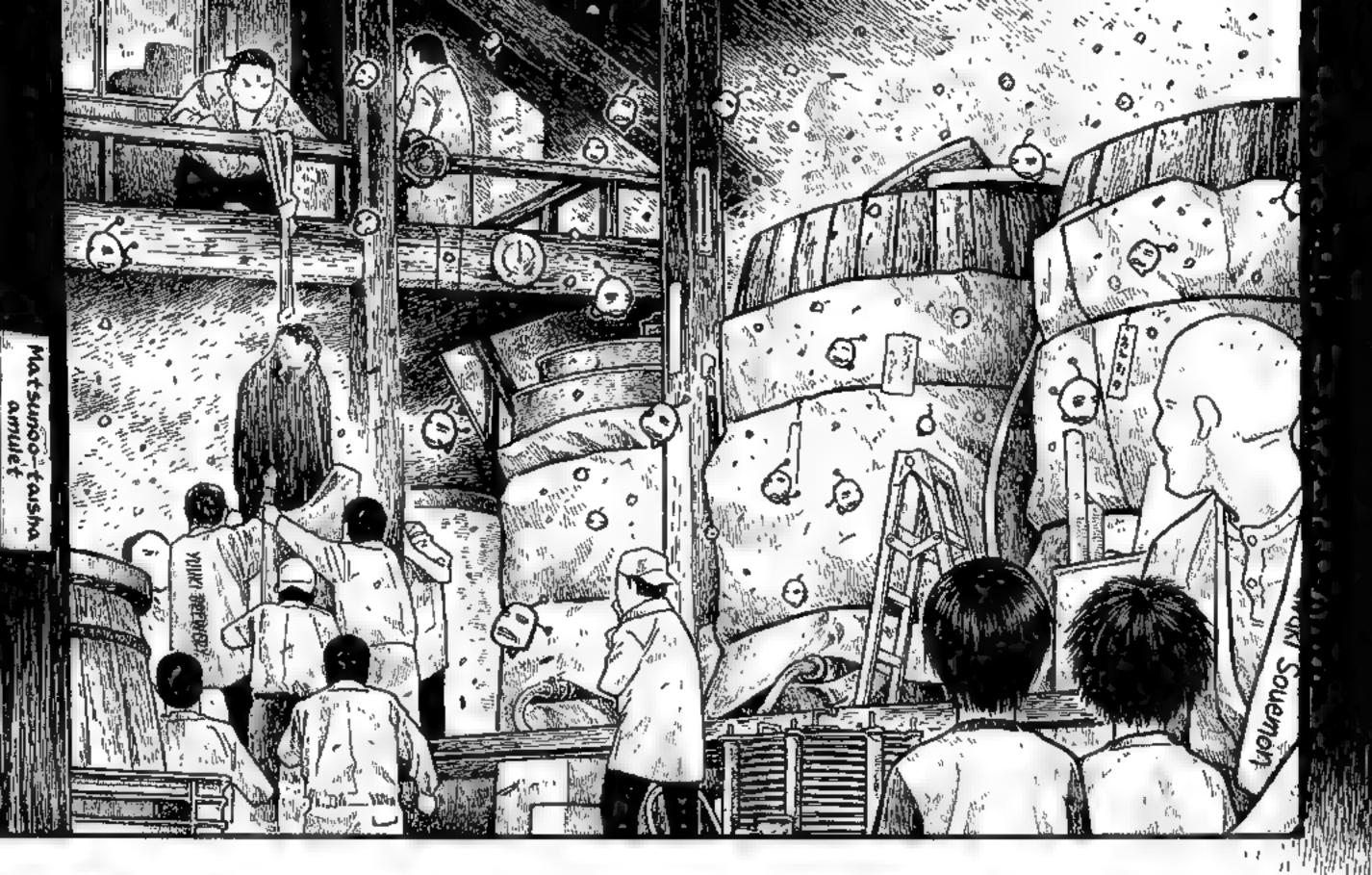






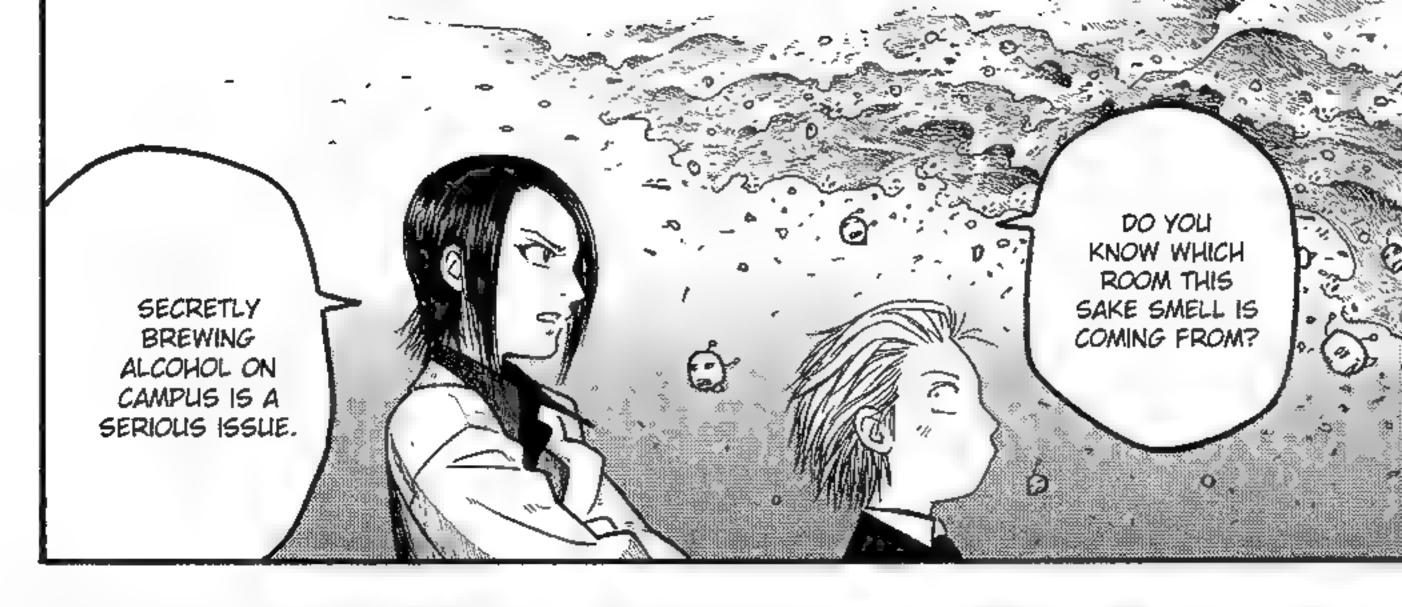




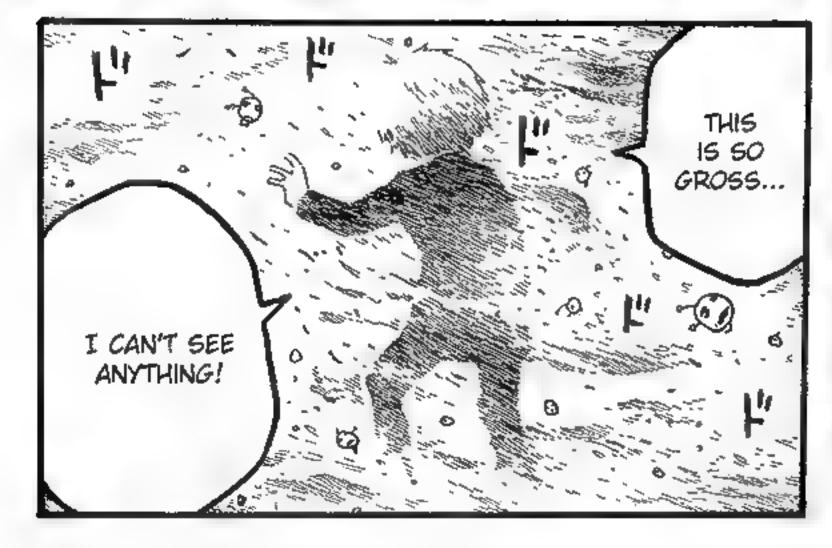














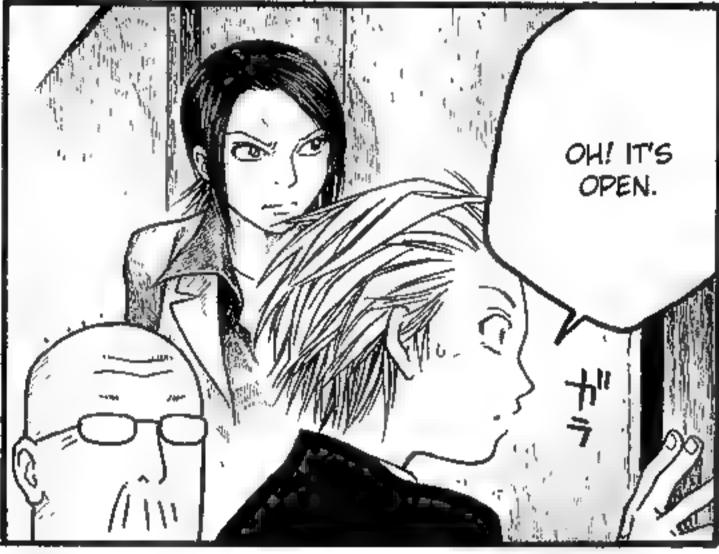








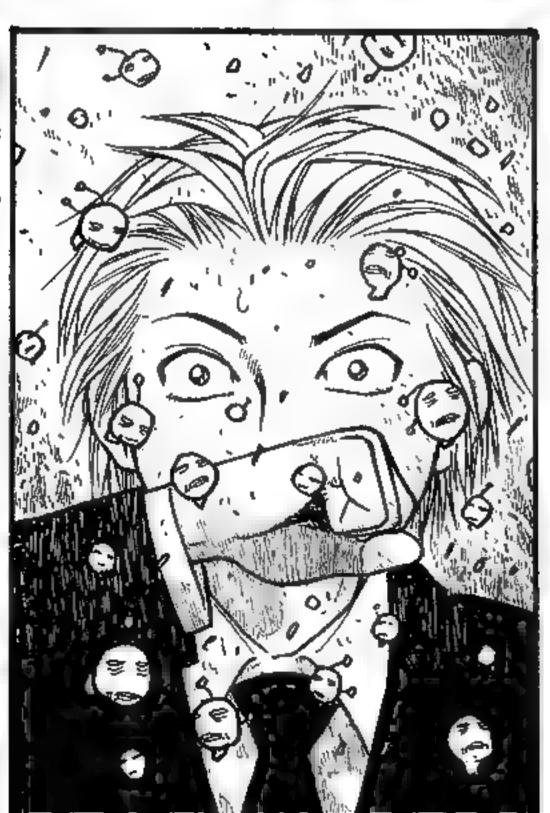
Kei Yuuki
He's been
Sawak s
frend
since they
were kids
His parents
run a sake
brewery





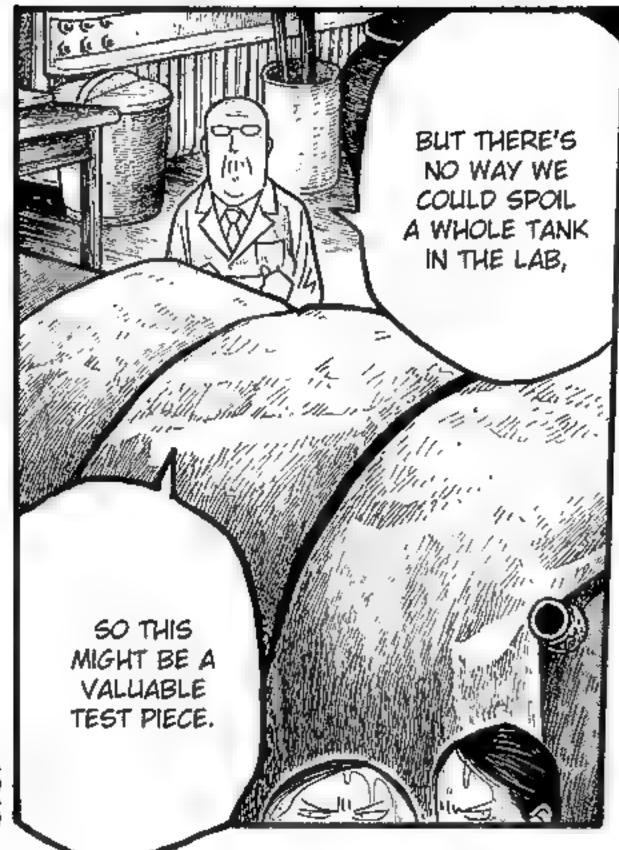


Haruka
Hasegawa
She's a
graduate
student at
a certain
agricultural
university.
She's one of
Professor
Itsuk's
students



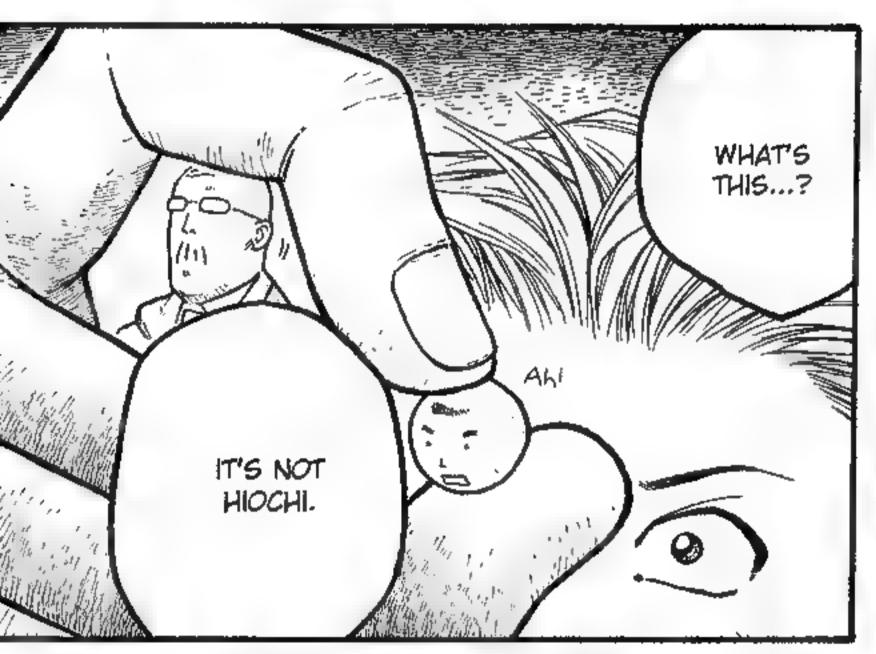
























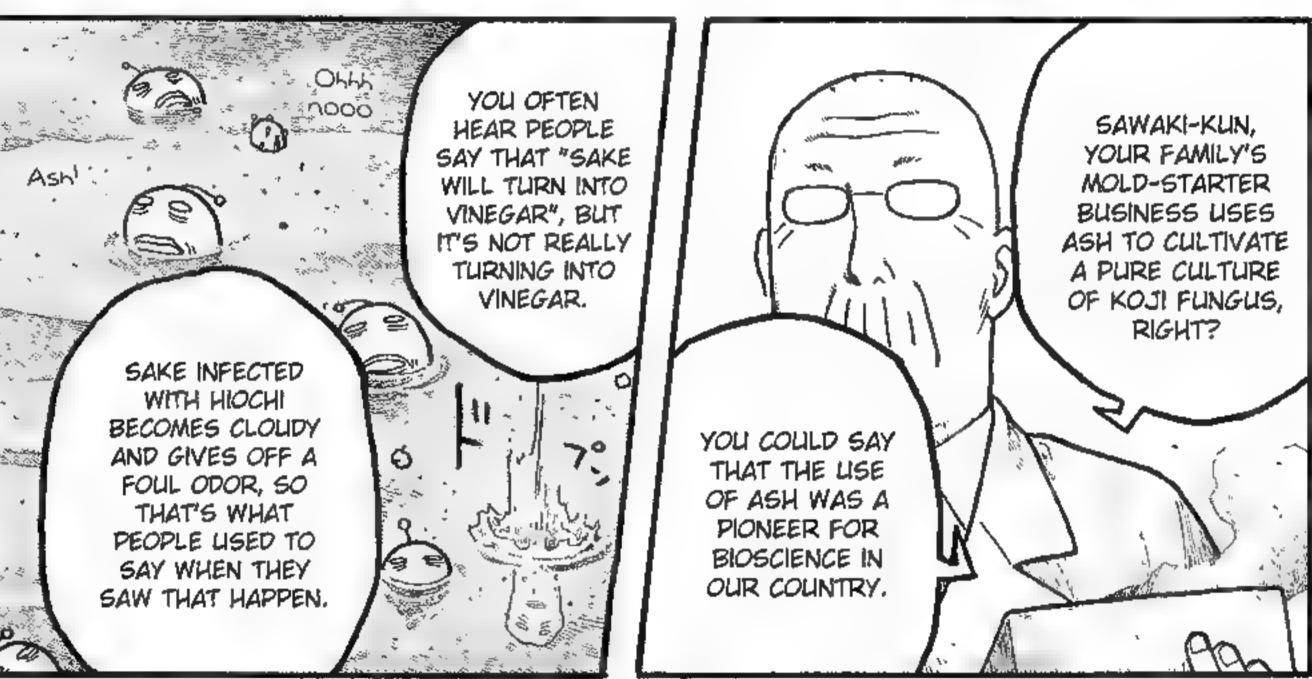


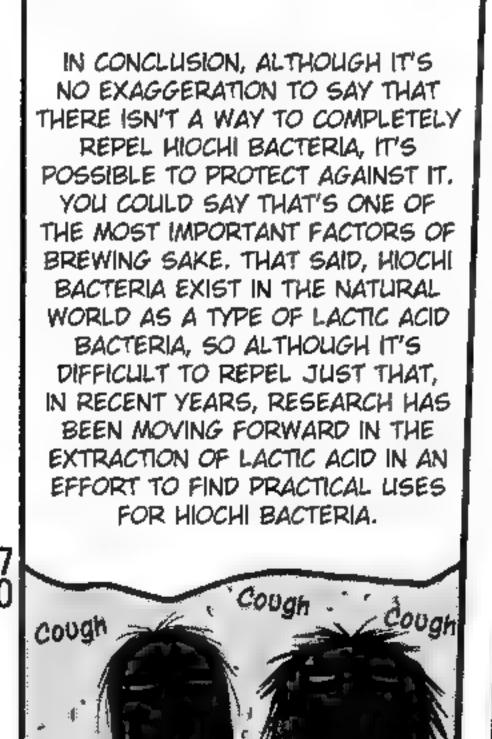


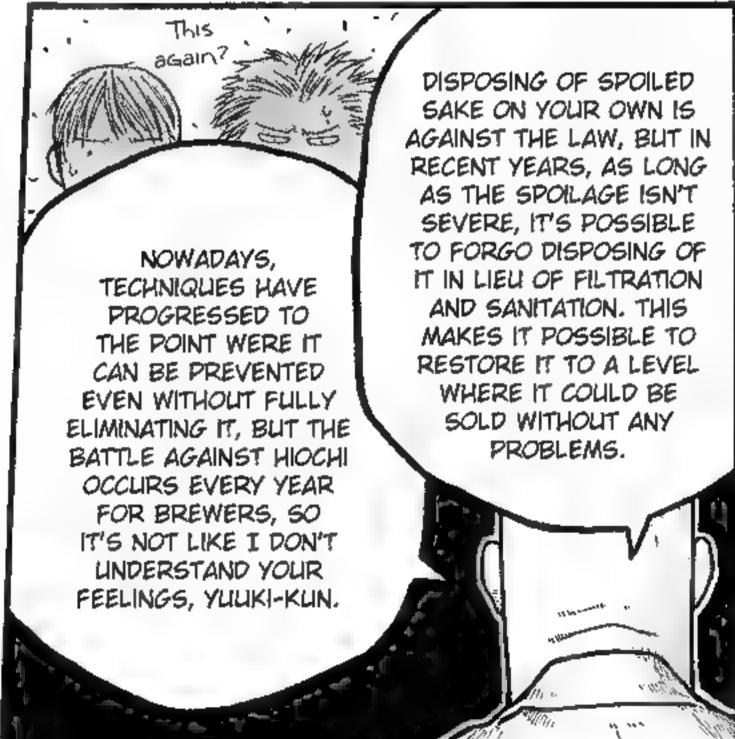










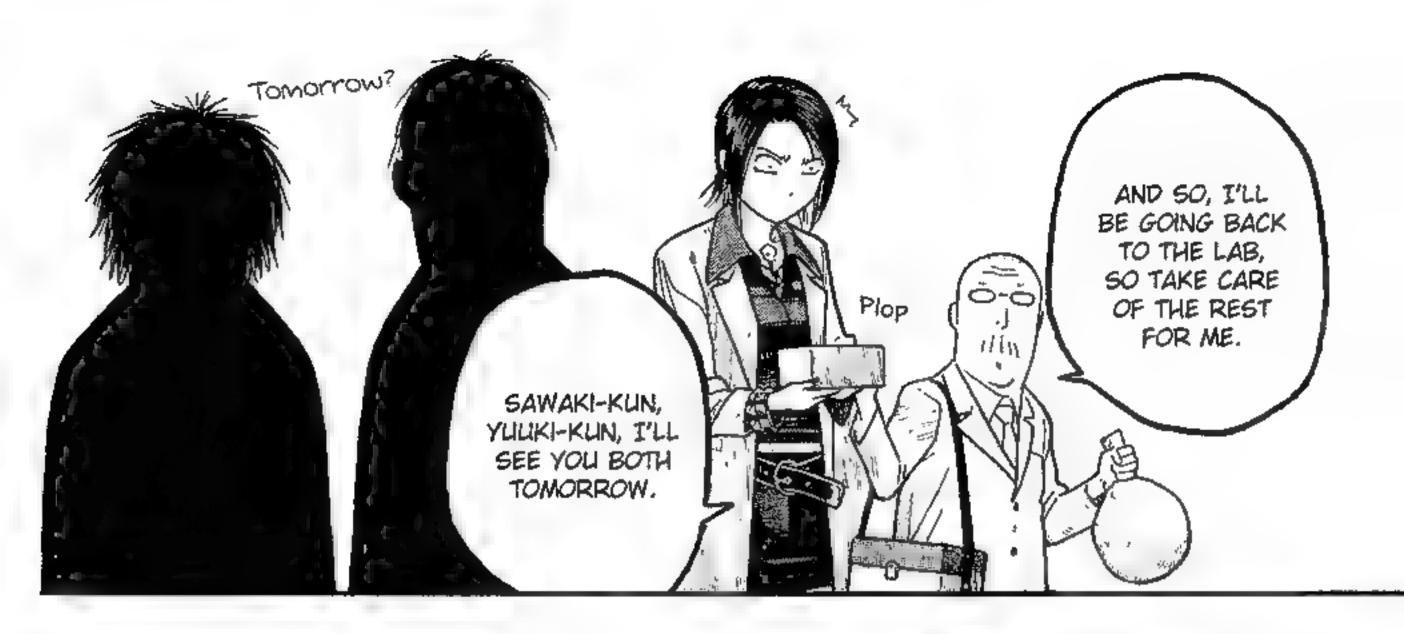


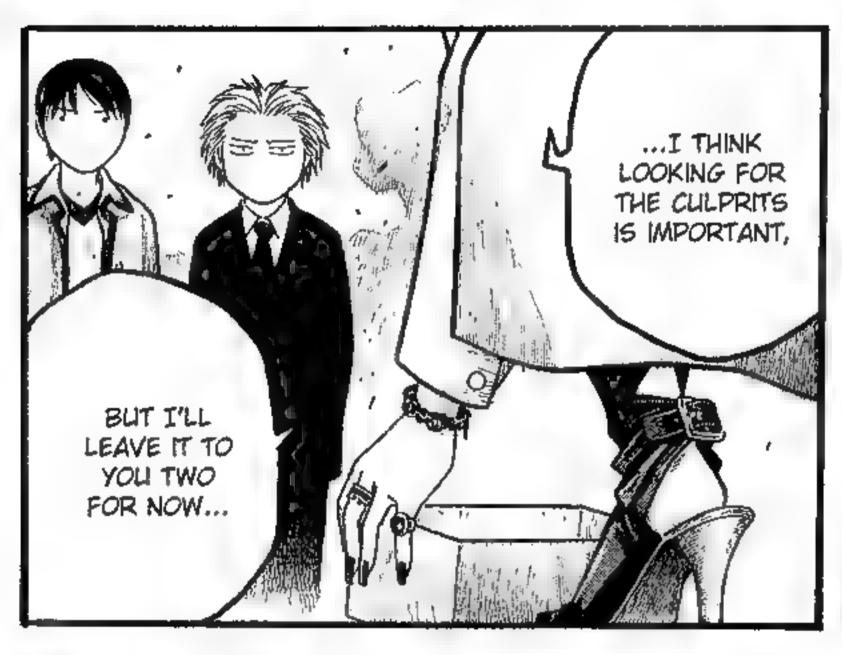


Keizou

Itsuki
He's a

professor
at a certa n
agricultural
university
He's a frend
of Sawak's
grandfather



























a lot of things other than microbes might show chapter 4 next time undecided)

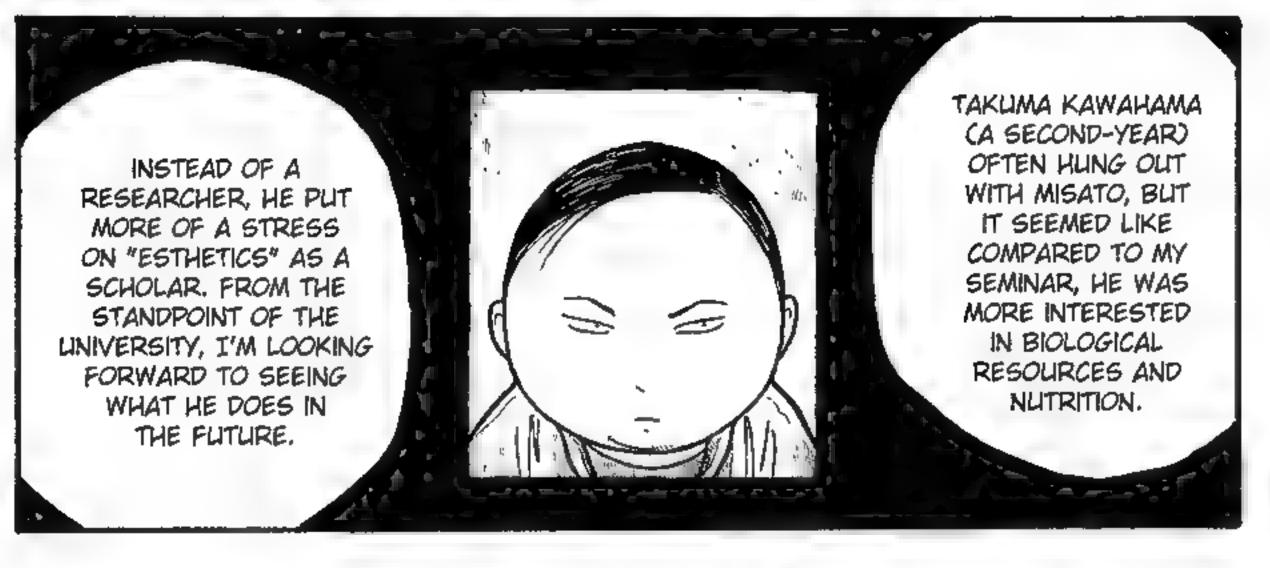


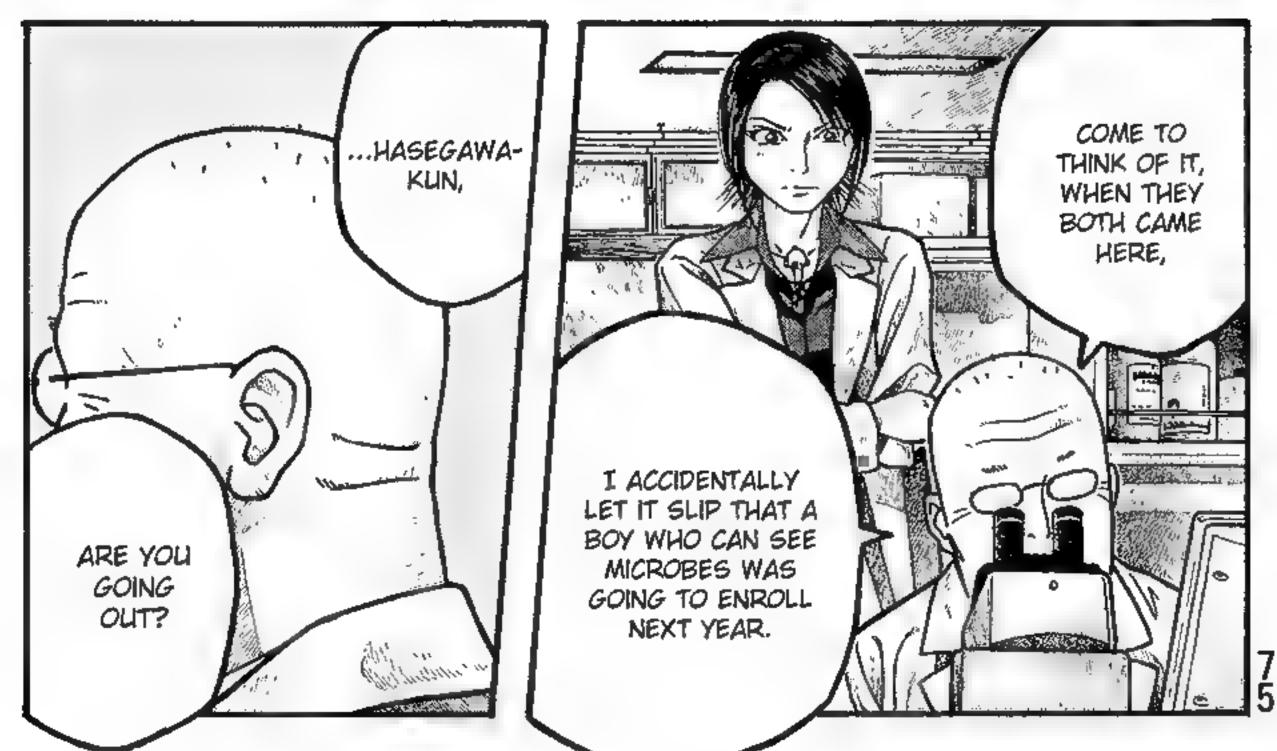


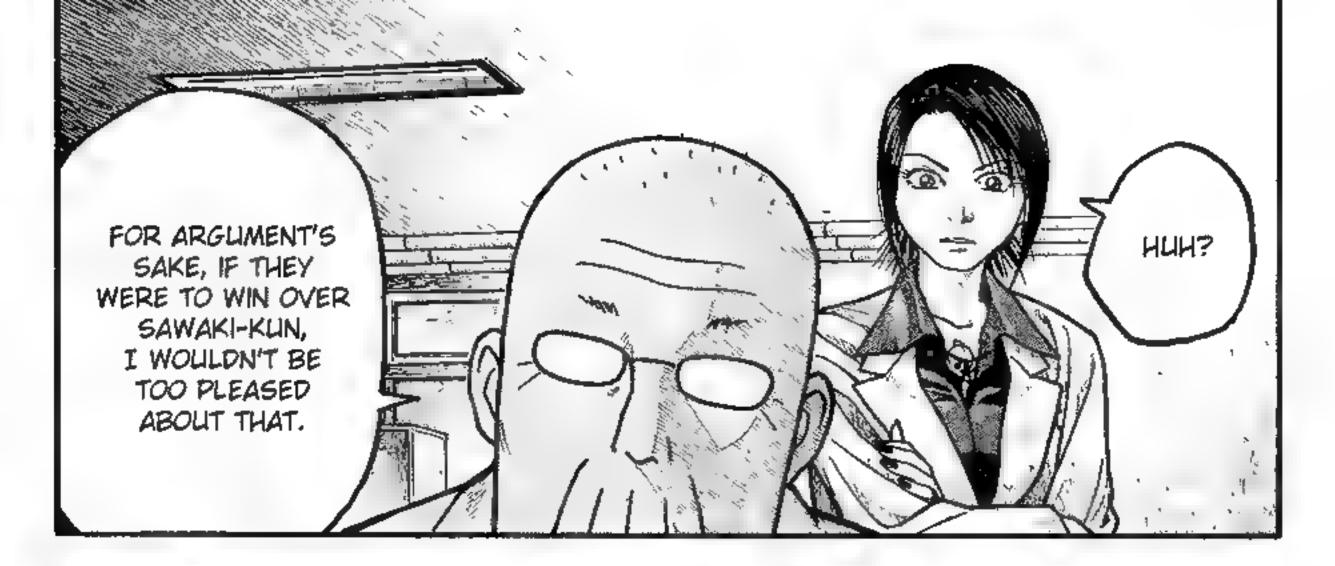






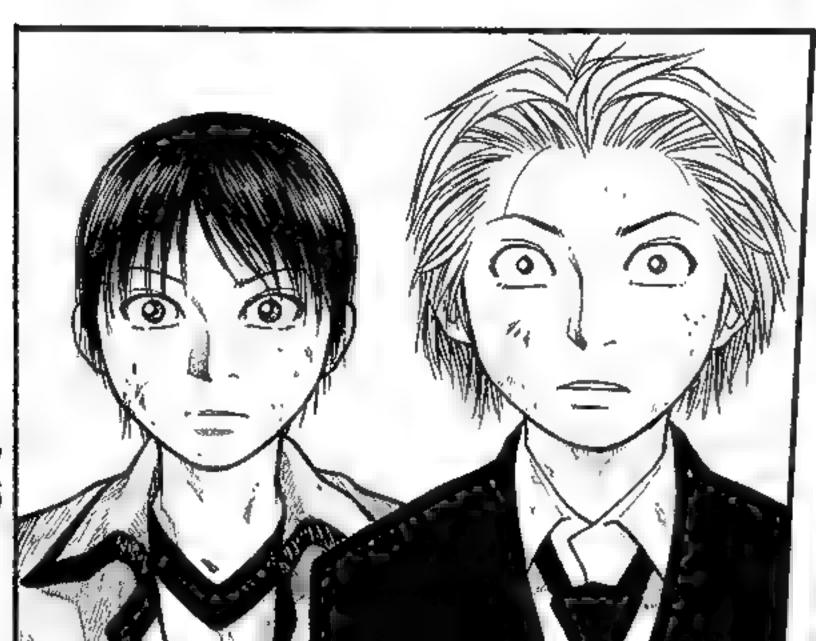


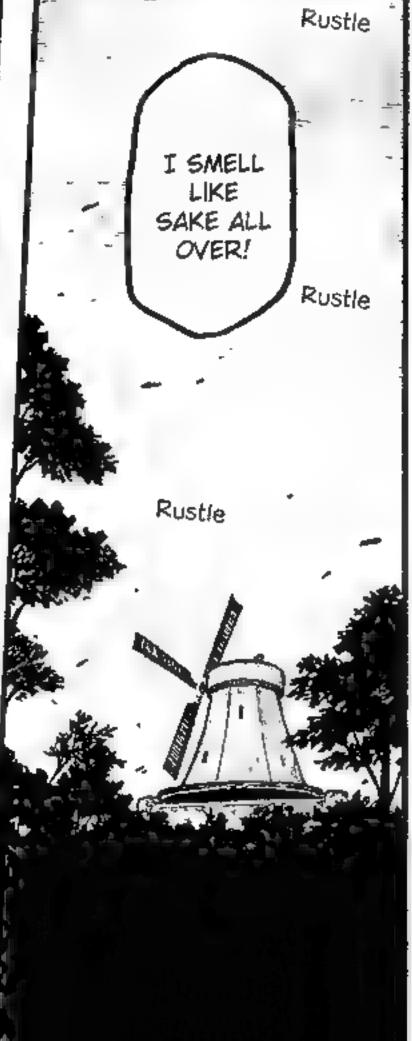




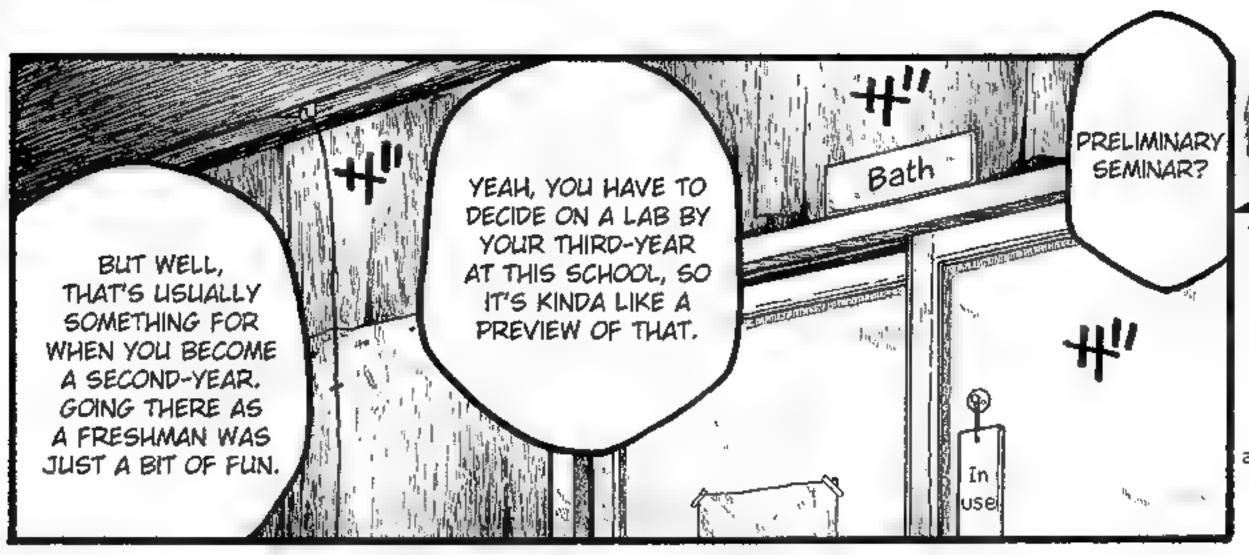


















He's the main character For some reason, he has the ability to see microbes





Ke zou Itsuki He's a professor at a certa n agricultural university He m ght be planning various things.



Haruka Hasegawa She's a graduate student at a certain agricultural university. She's one of Professor Itsukis students. Just like she looks, she has a forceful personality



Kaoru
Misato
He's a
second-year
Just like he
looks, he
doesn't have
much money
He seems to
like sake so
much that he
homebrews
it.





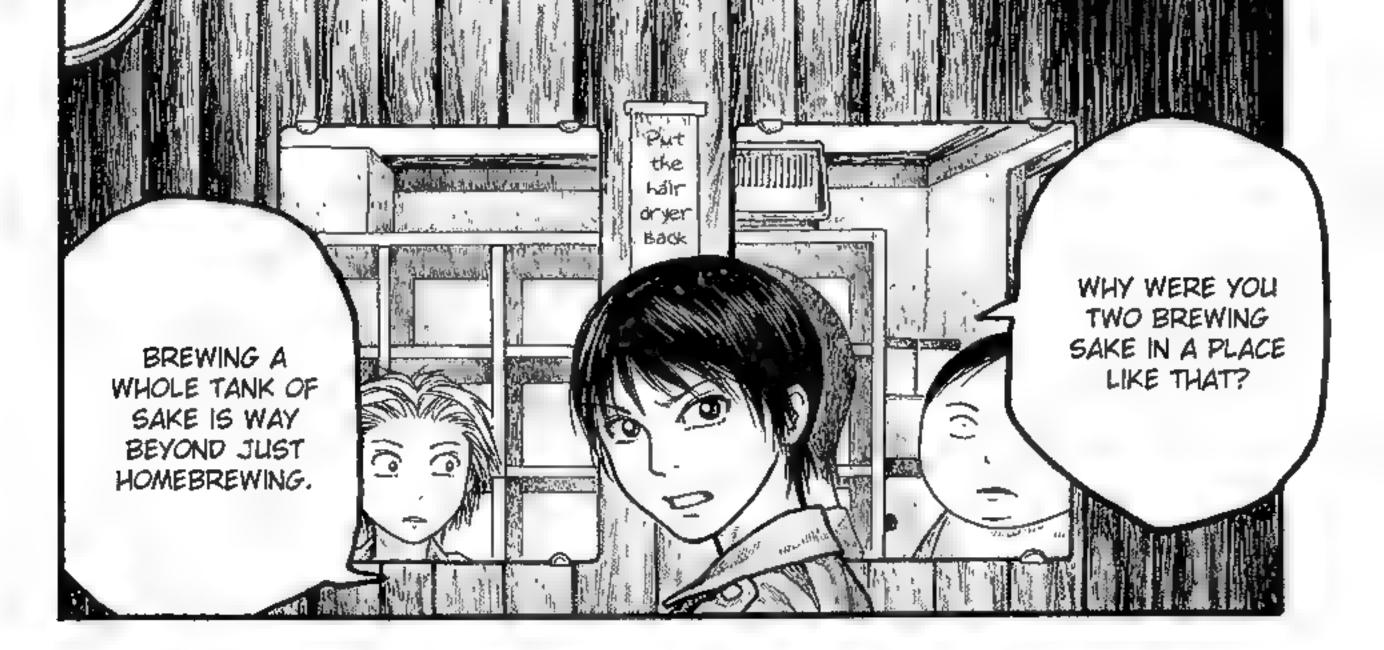




Takuma
Kawahama
He's a
second-year
He hangs out
with Misato,
but his
intent ons
may be
d fferent.













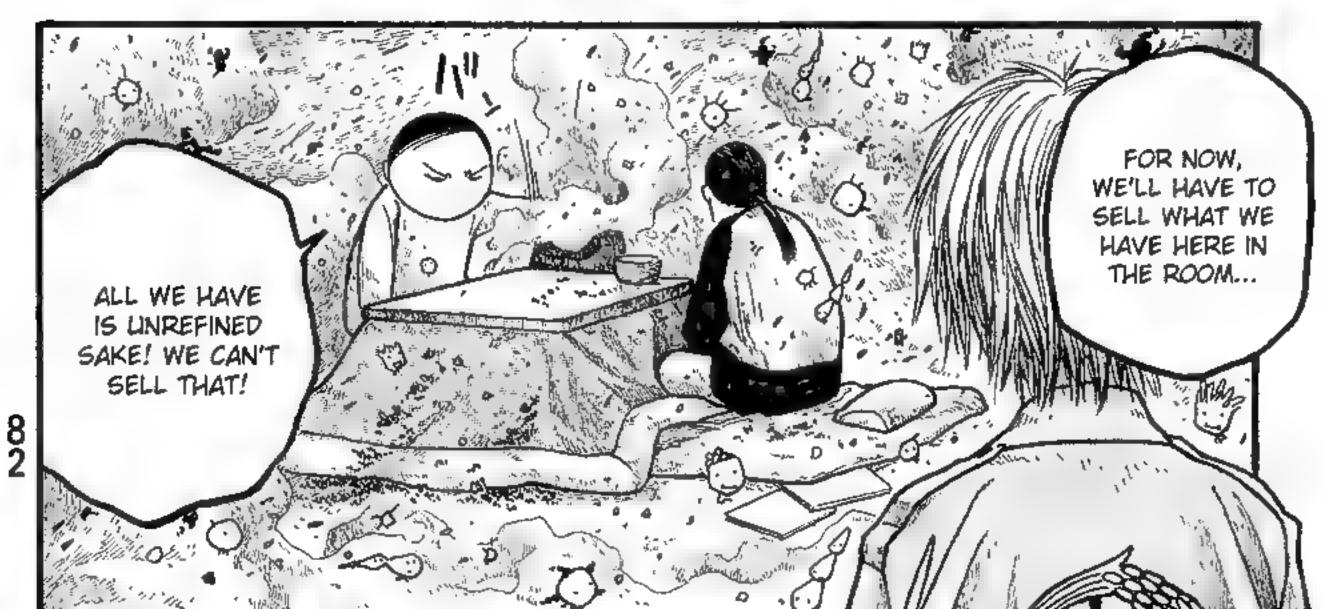






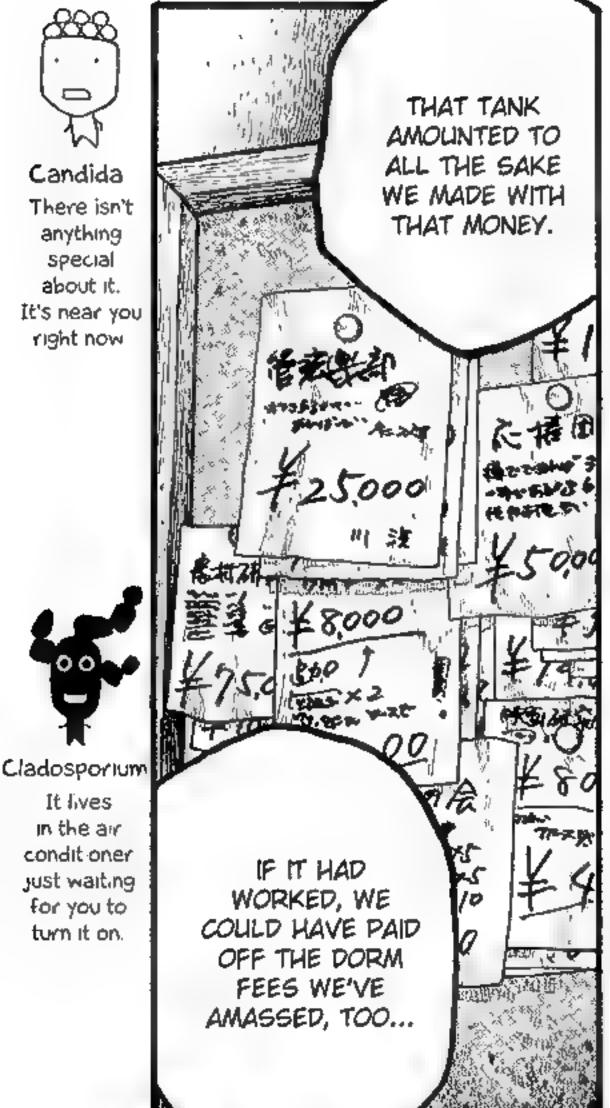








Candida There isn't anything special about it. It's near you right now









It lives

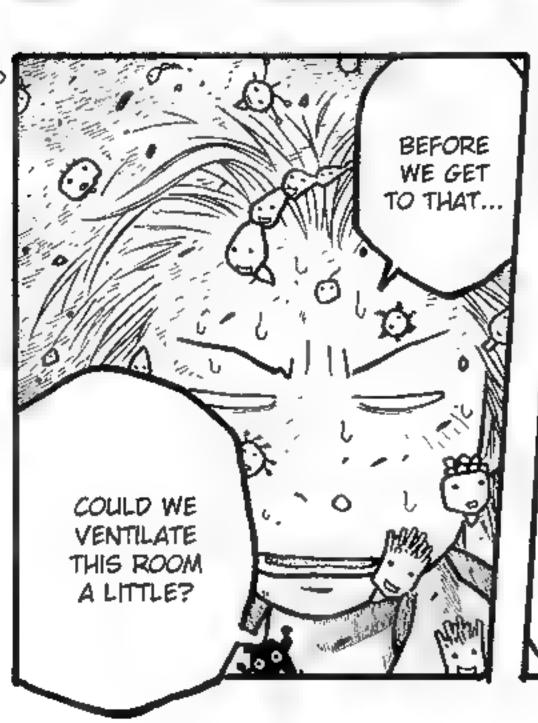
in the air conditioner

just waiting

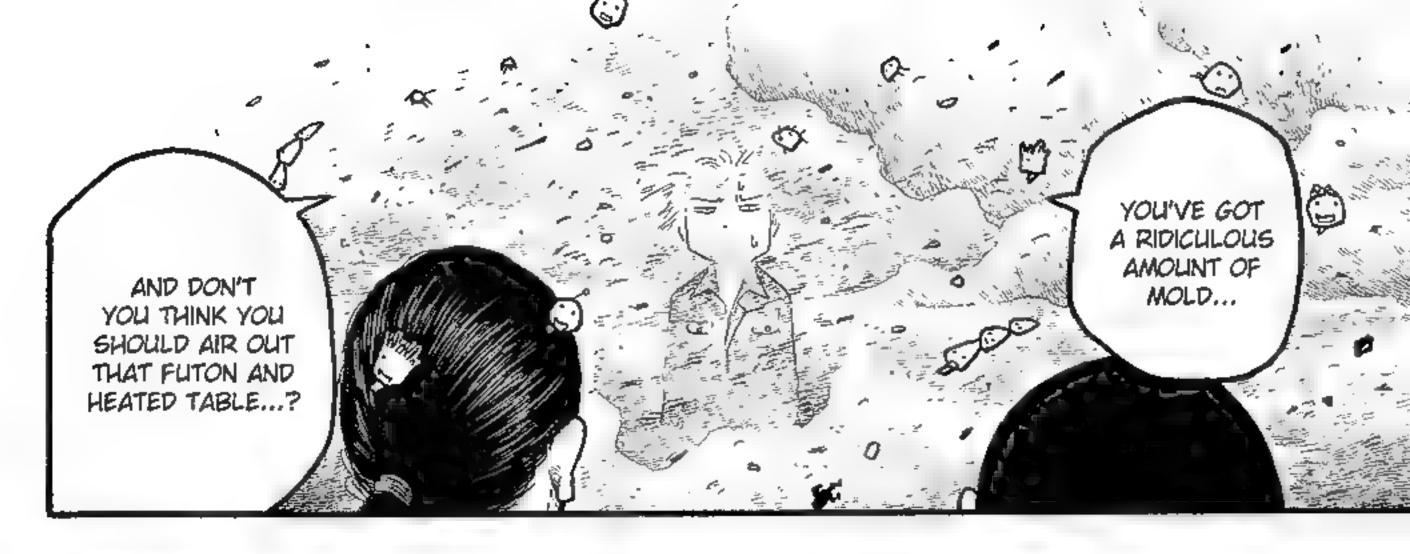
for you to

turn it on.

Alternaria If you don't wash contact lenses, they # become a home for them

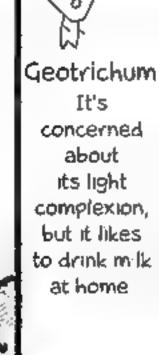




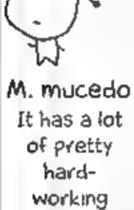












friends

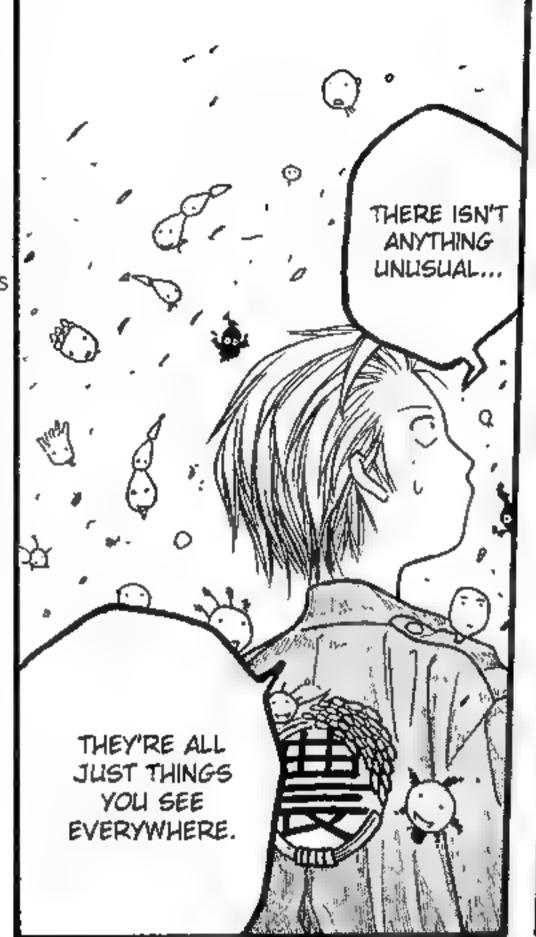




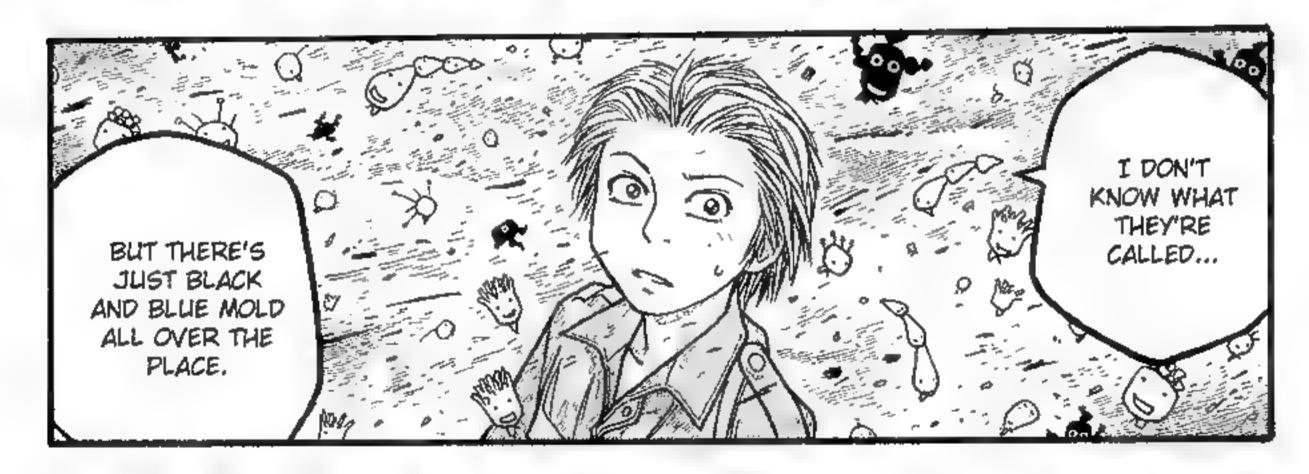
A. niger
It supports
the
c tric ac d
demand
from the
snadows.

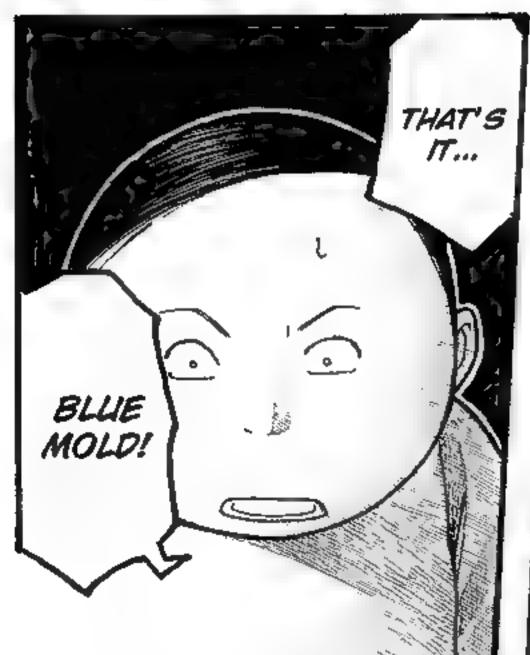


R. japonicus
It's in the
Rhizopus
genus
In China,
its fr ends
participate
in brewing
alcohol





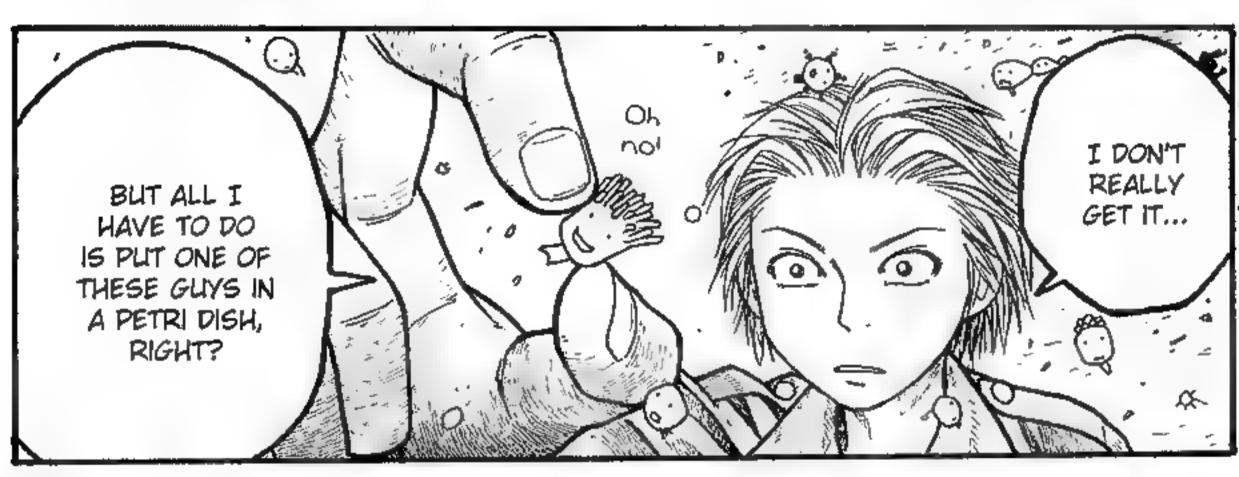




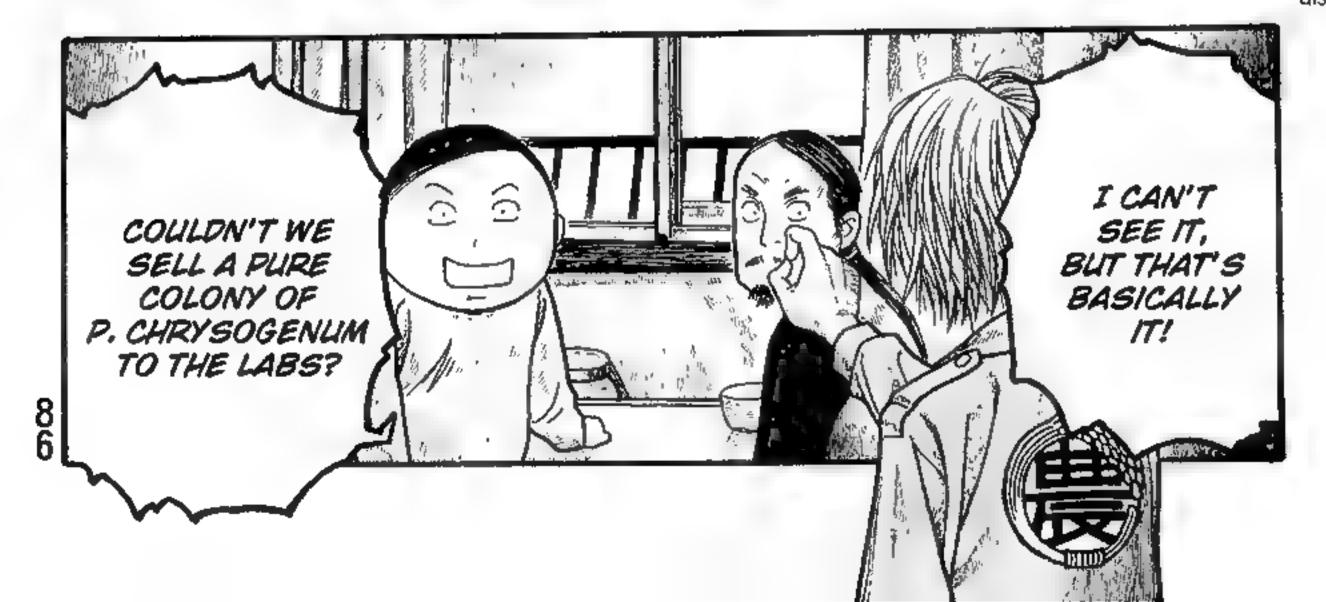




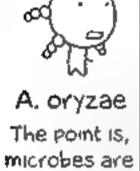




P.
chrysogenum
& other
friends
in the
Penicillium
genus
Over 200
species of
its friends
have been
discovered.









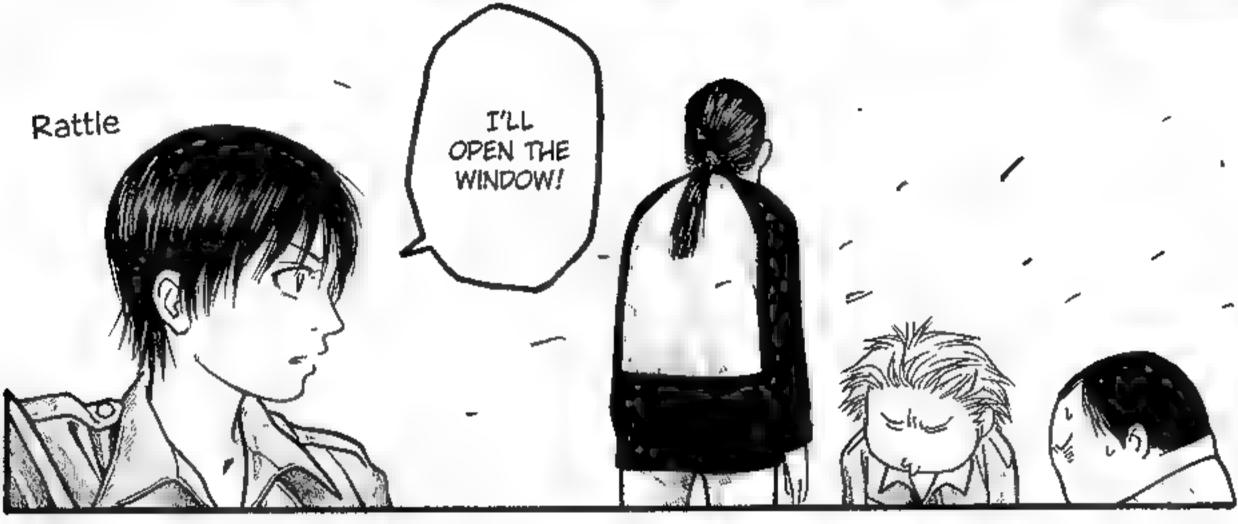


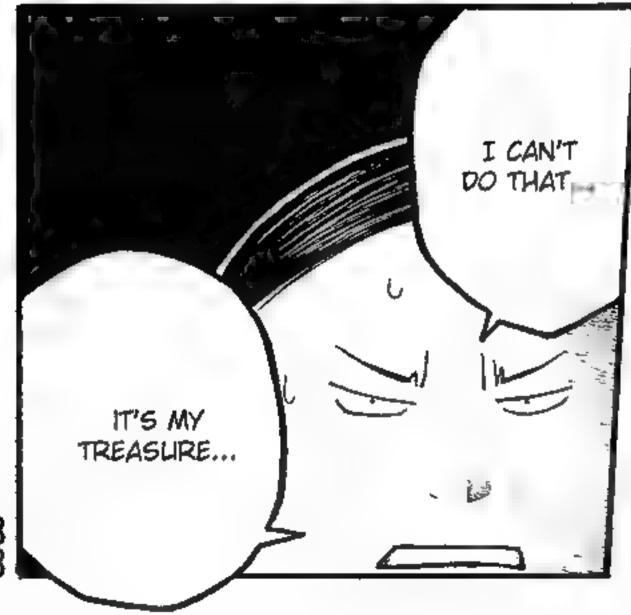


















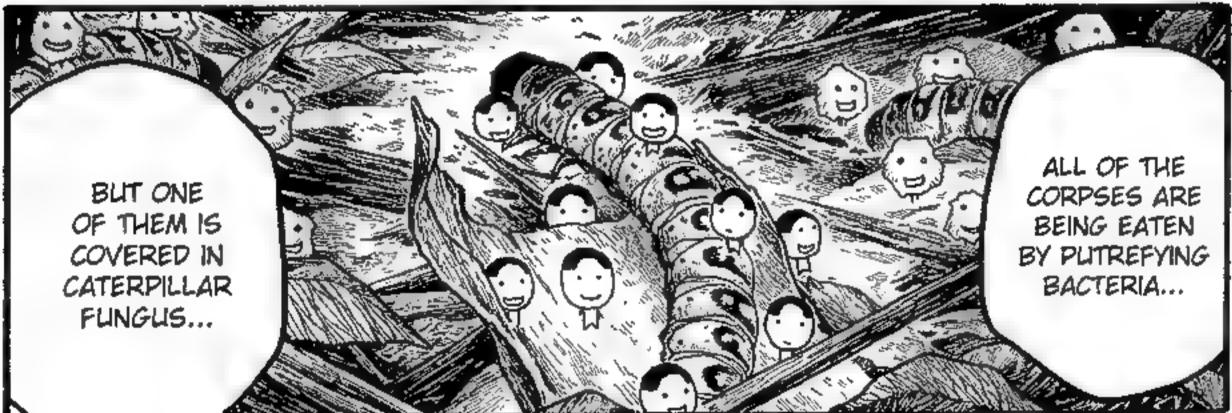










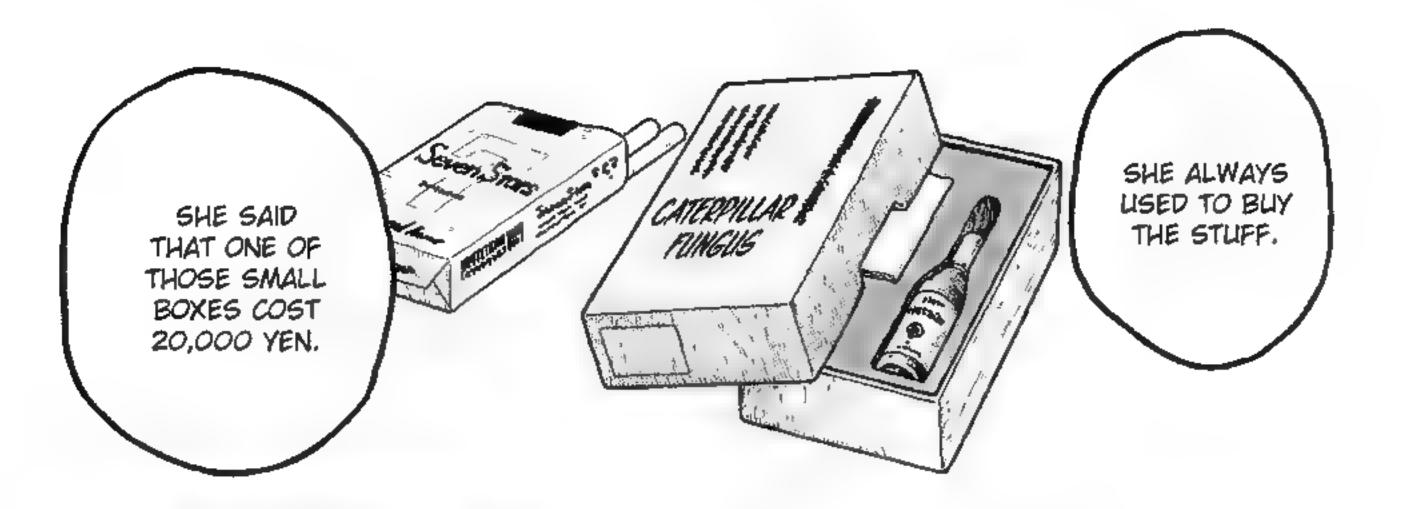




C. sinensis
Also known
as caterp llar
fungus, it
lives in the
larvae of
ghost moths.
It's called
dong chong
xia cao in
China

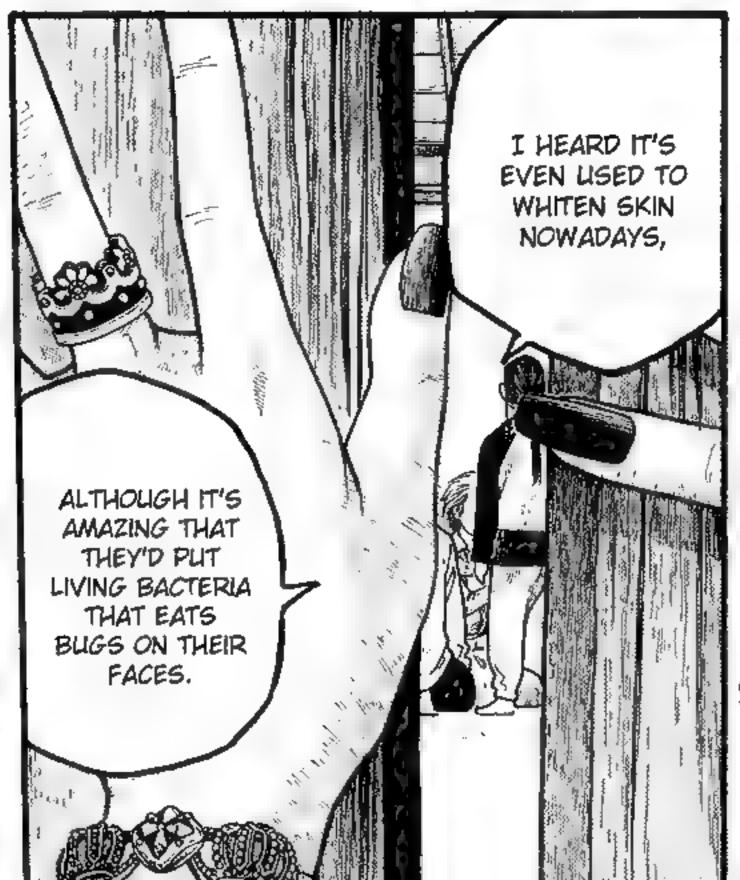






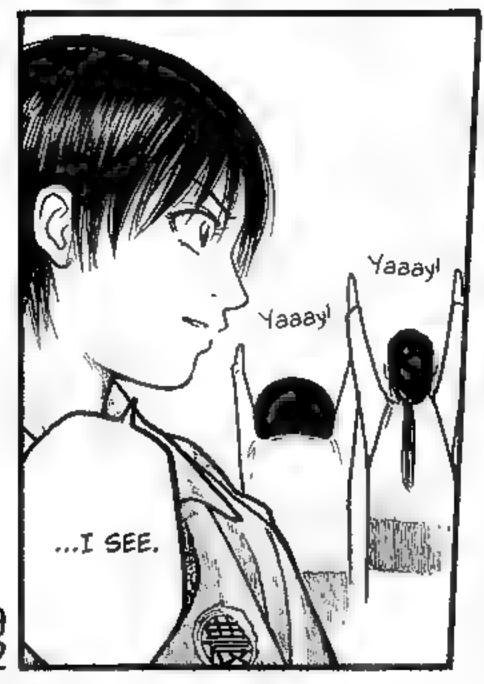






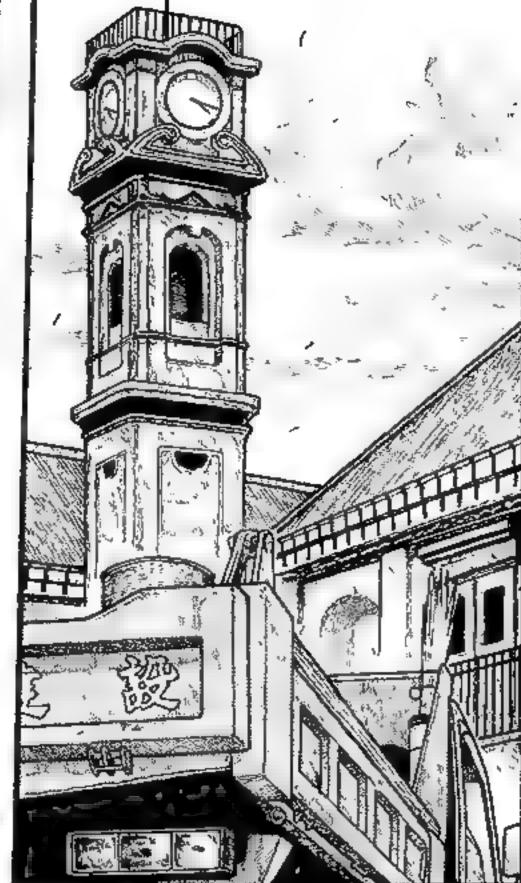


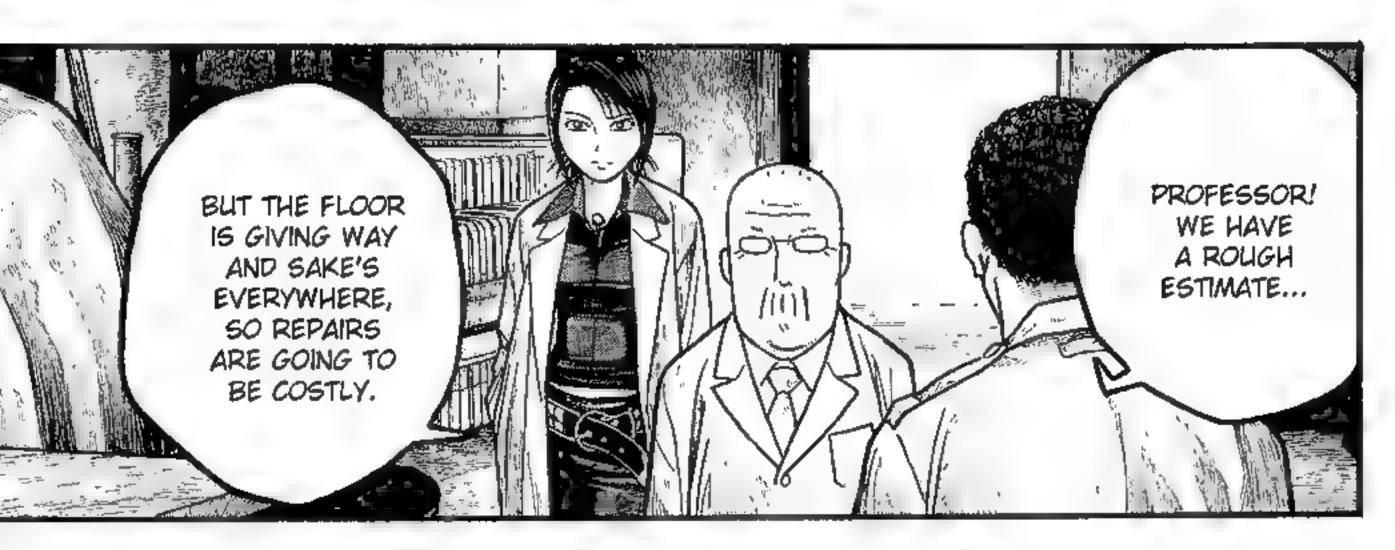




















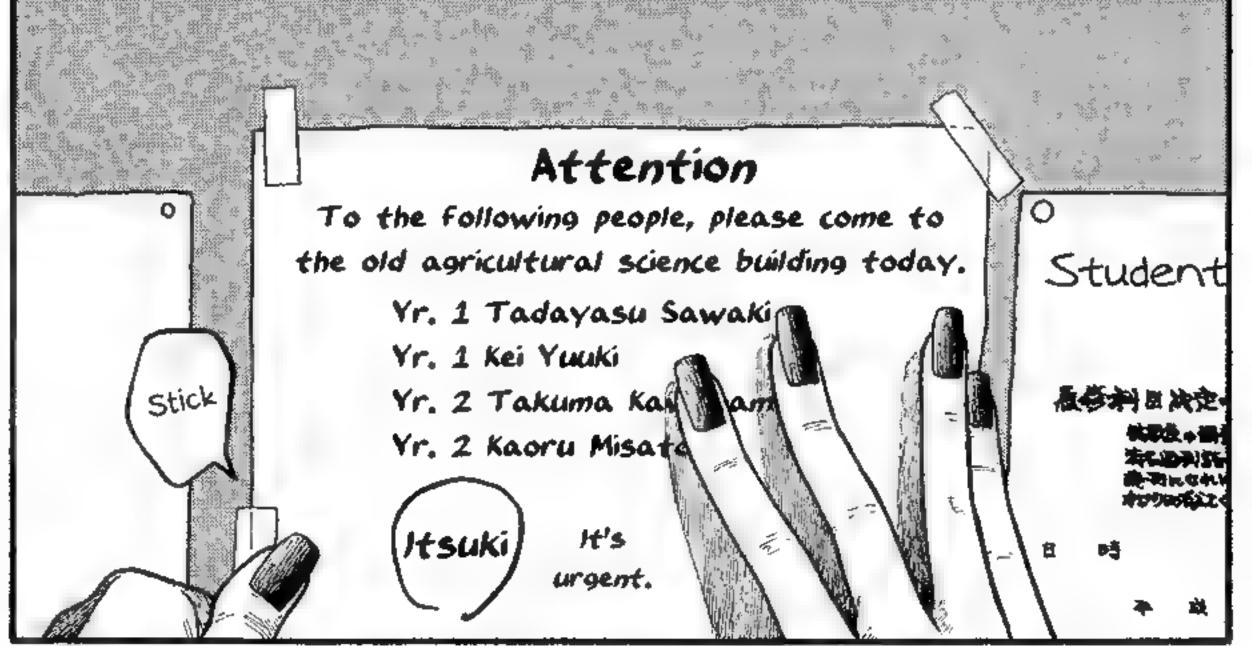
S.

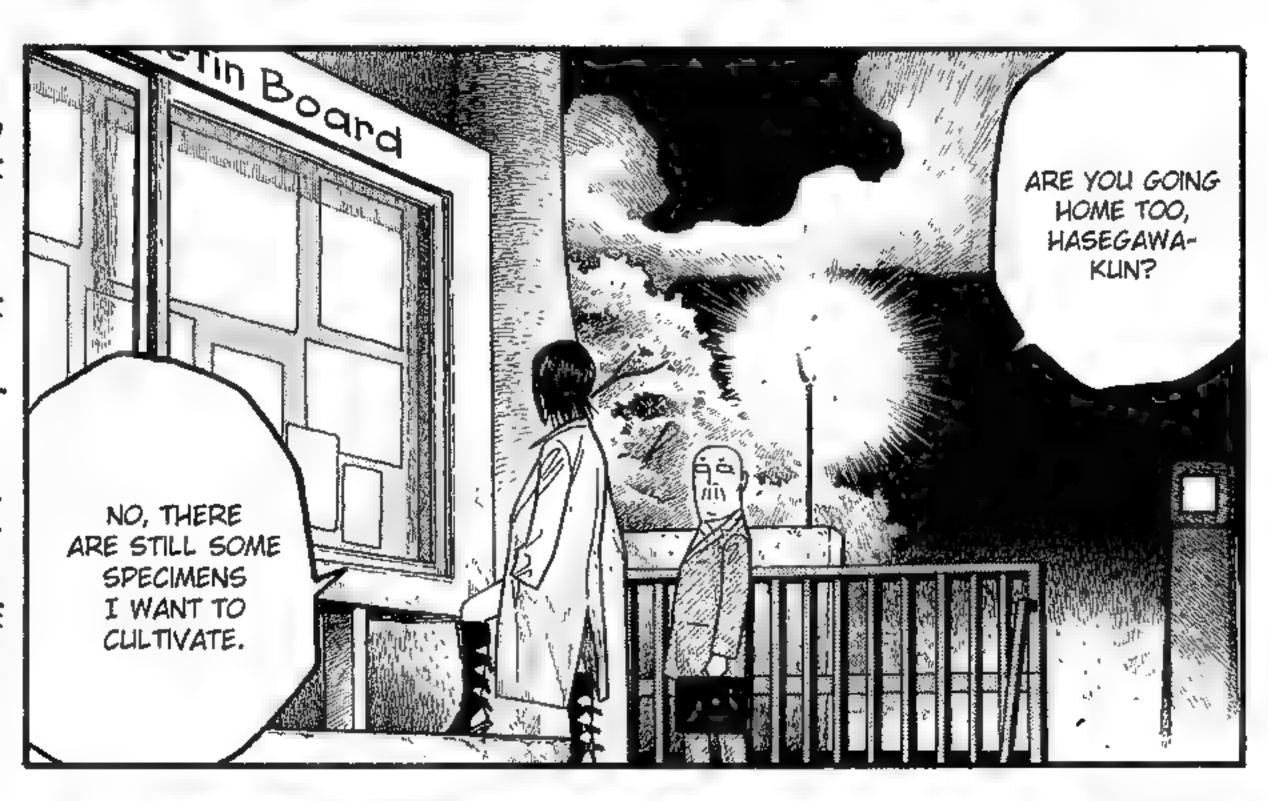
cerevisiae
This is yeast
It taught
humanity
about
fermentation

CH. 4: OLDER STUDENTS & END











Ě



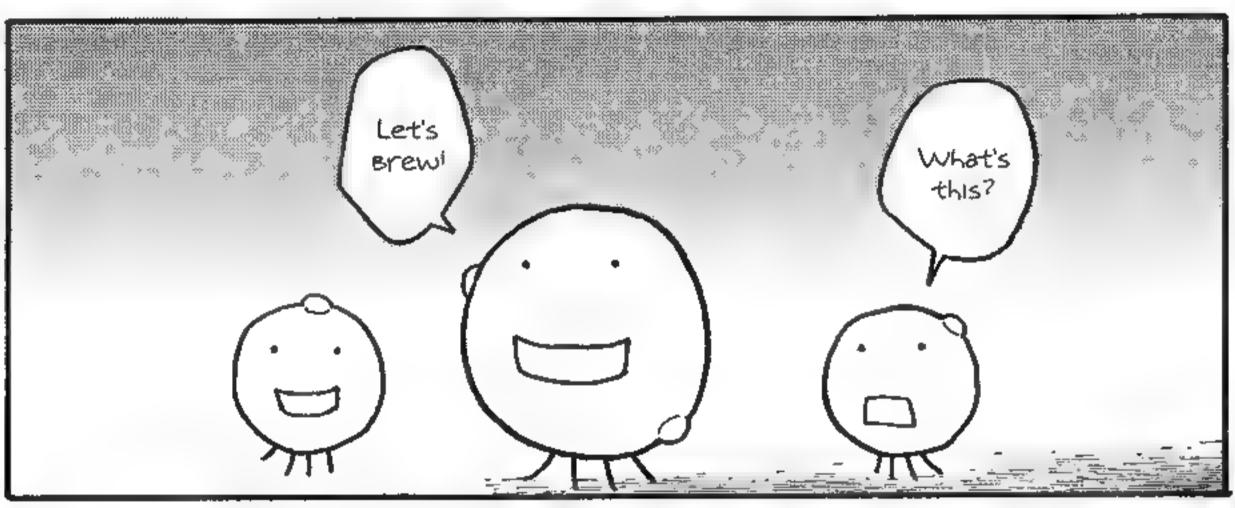


Tadayasu
Sawaki
He's the main
character.
He has the
ability to see
microbes.
As for why,
maybe
someday (?)





cerevis ae
This is yeast,
The boils on
its face are
the traces
of its family
members.

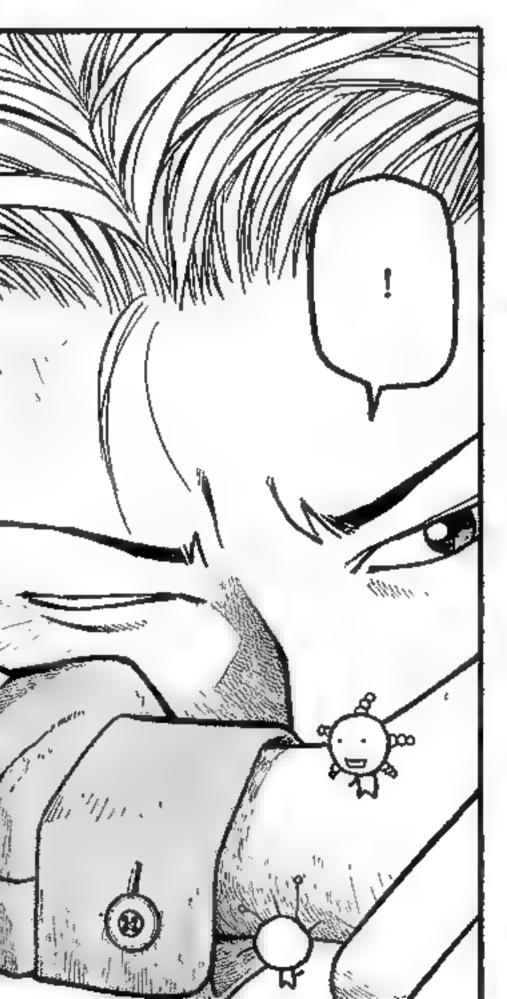




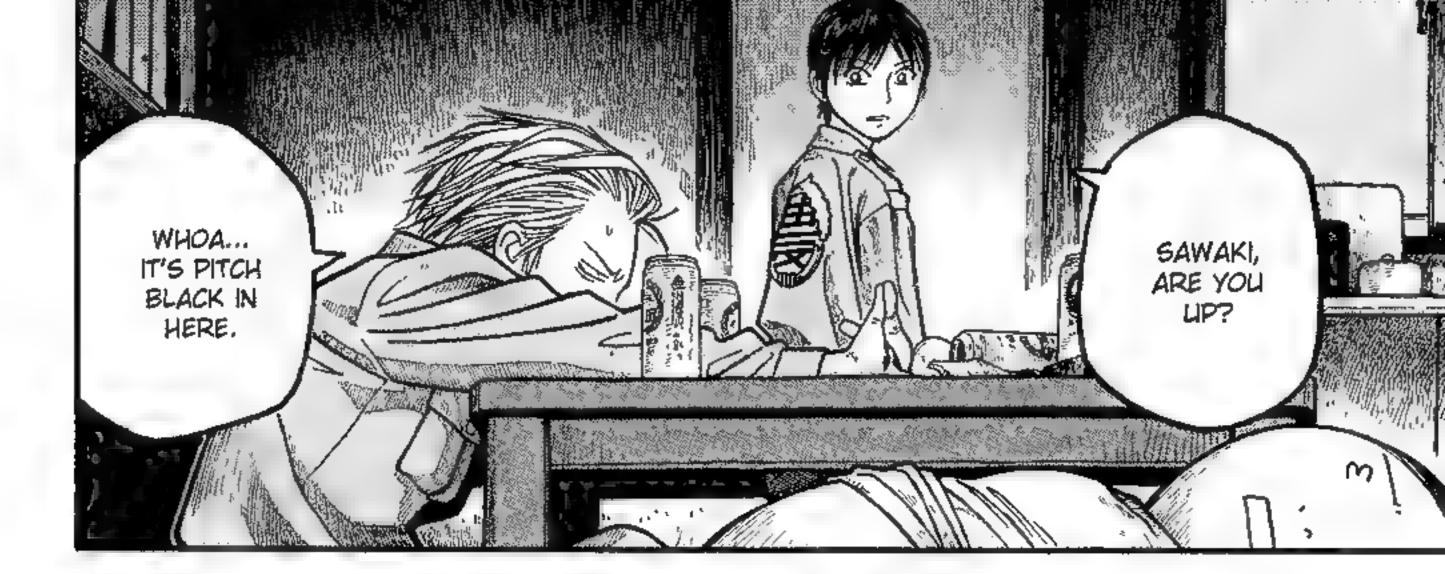
Kei Yuuki
He's been
Sawak 's
friend
since they
were kids.
His parents
run a sake
brewery
He hates
h och
bacter a
to death



A. oryzae
It's also
known as
yellow koji
mold.

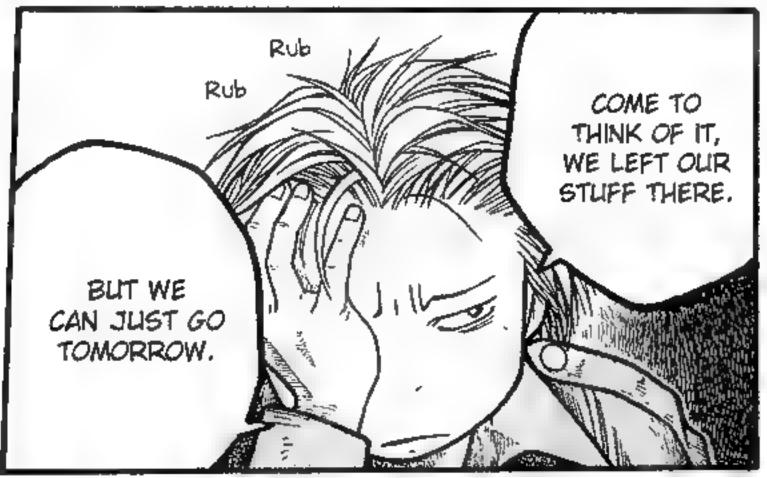














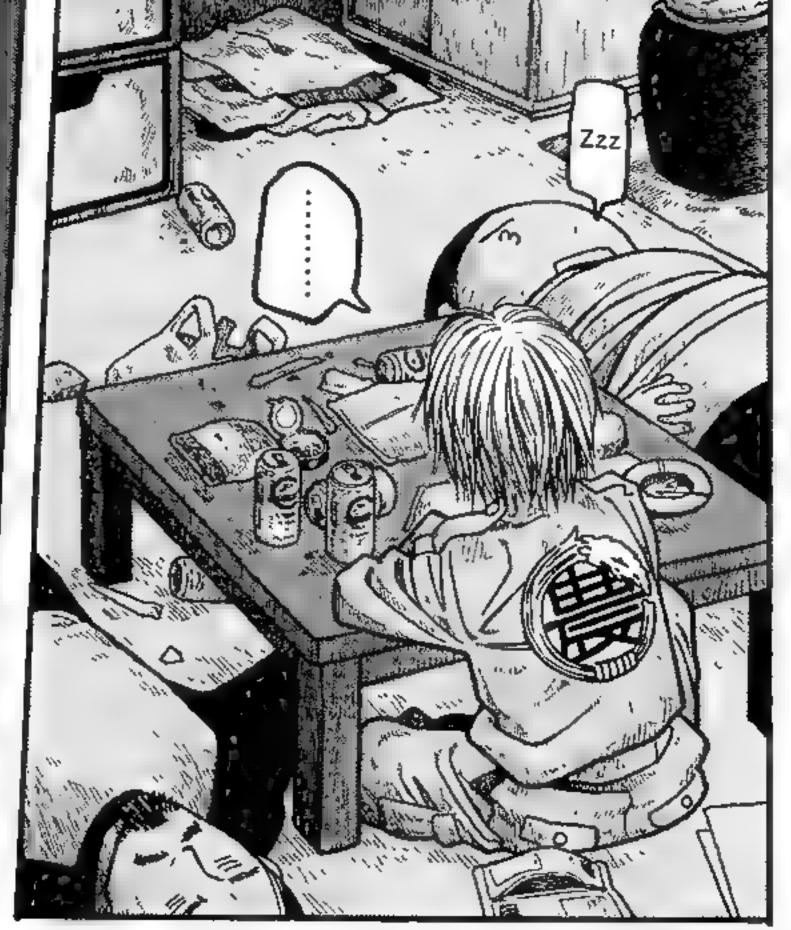


A. niger
It's the central figure in the citric acid demand.



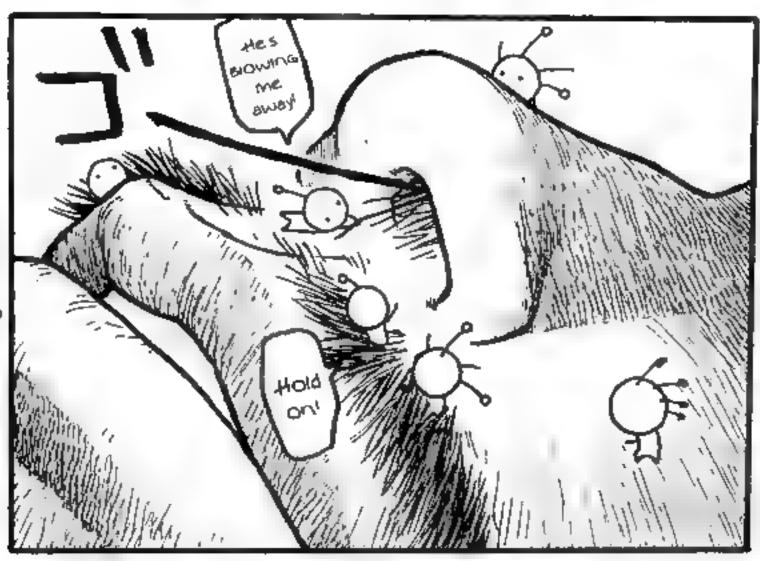
P. chrysogenum It's the basis for penicillin

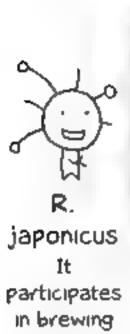






M. mucedo
It has
a lot of
Influential
friends





alcohot in China.



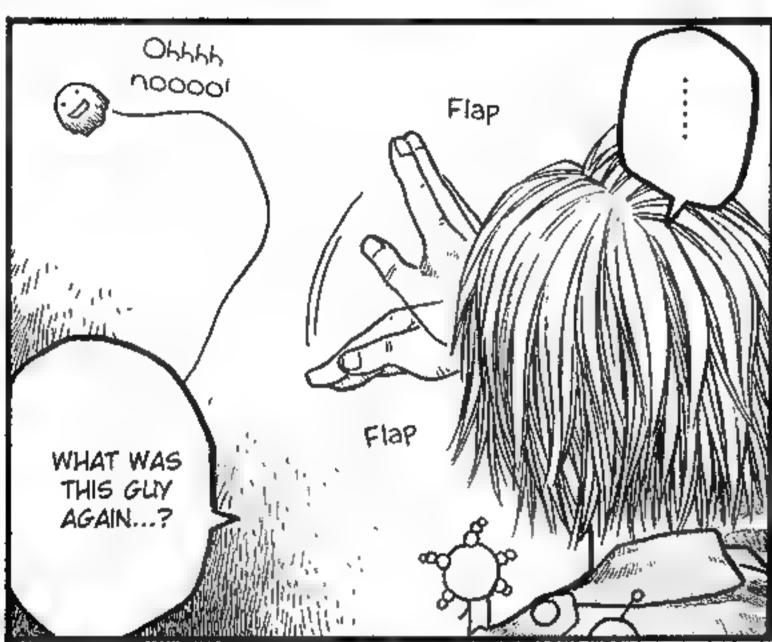


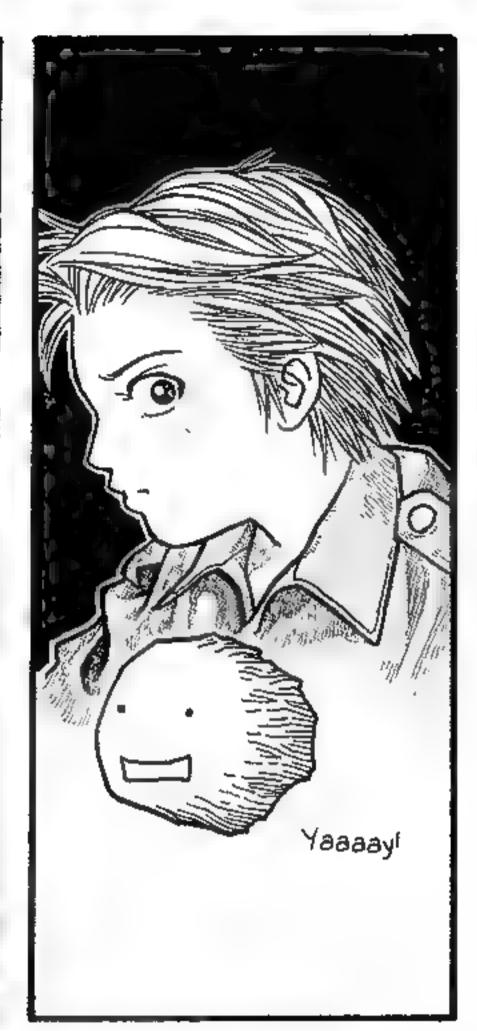




Rhinovirus
It causes
sight fevers
around
37°C and a
head cold.
It has easily
over 100
relatives



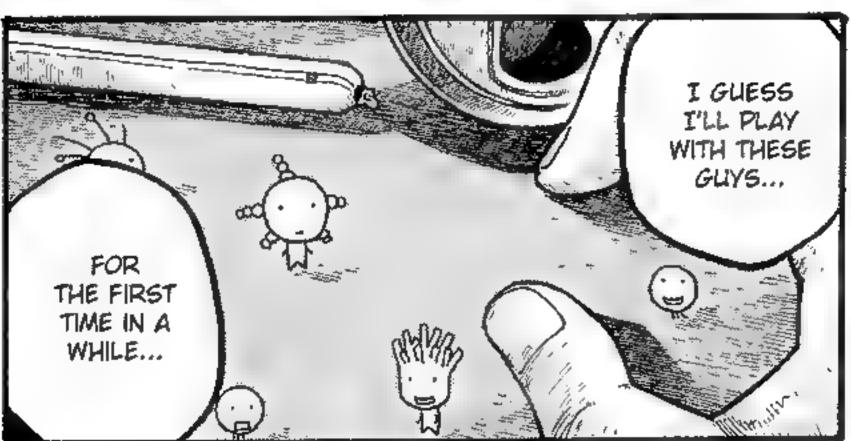




















Kaoru
M'sato
He's a
second-year
He likes
sake, but
he fa led at
homebrewing
it. Is that
because his
room is so
dirty and full
of mold!?







Takuma
Kawahama
He s a
second-year
and Misato's
friend.
It seems
like he has
different
habits
compared to
Misato, as
well as unique
tastes.

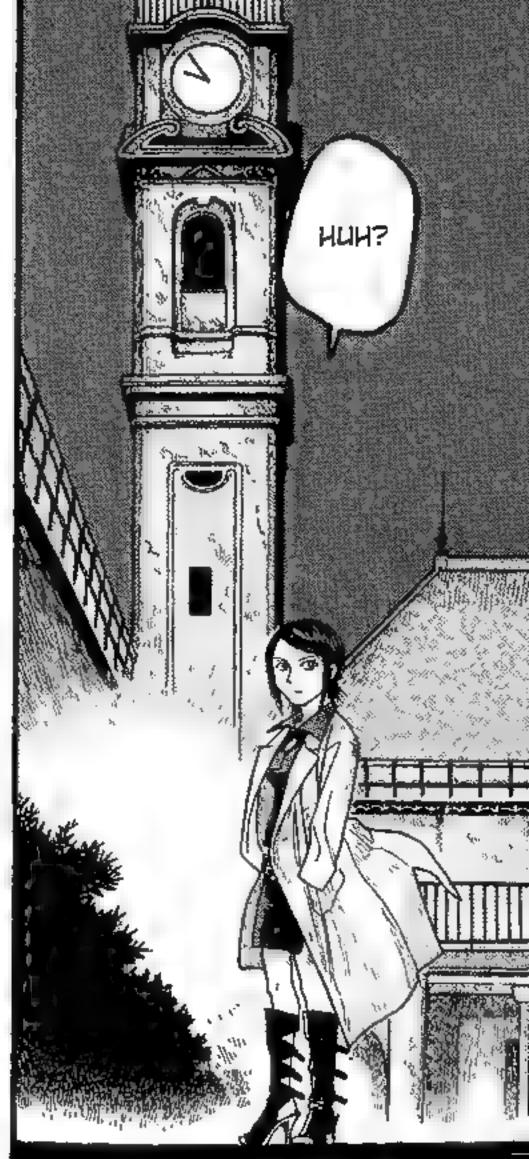


















Keizou Itsuki Hesa professor at a certain agricultural university. He'll probably say a lot to Sawaki and hs frends from now on.





Haruka Hasegawa She's a graduate student at a certain agricultural university Shes Professor Itsuki s arms and legs, so to speak. She got embarrassed after Sawaki exposed that she has athlete's foot.



TEM This is an impressive microscope.

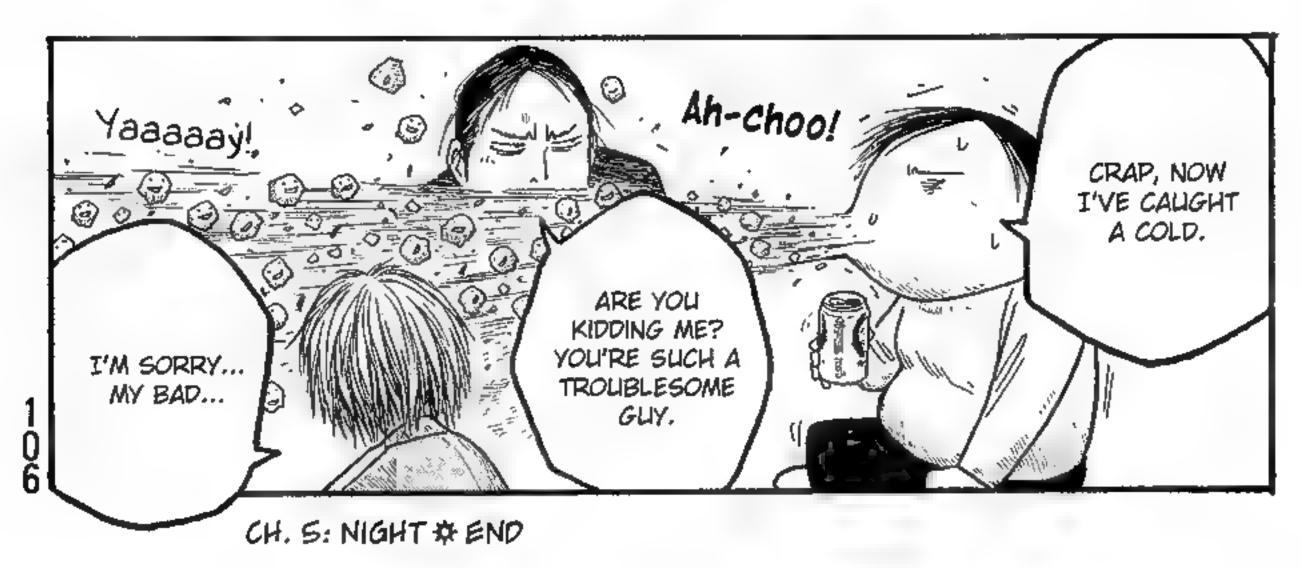






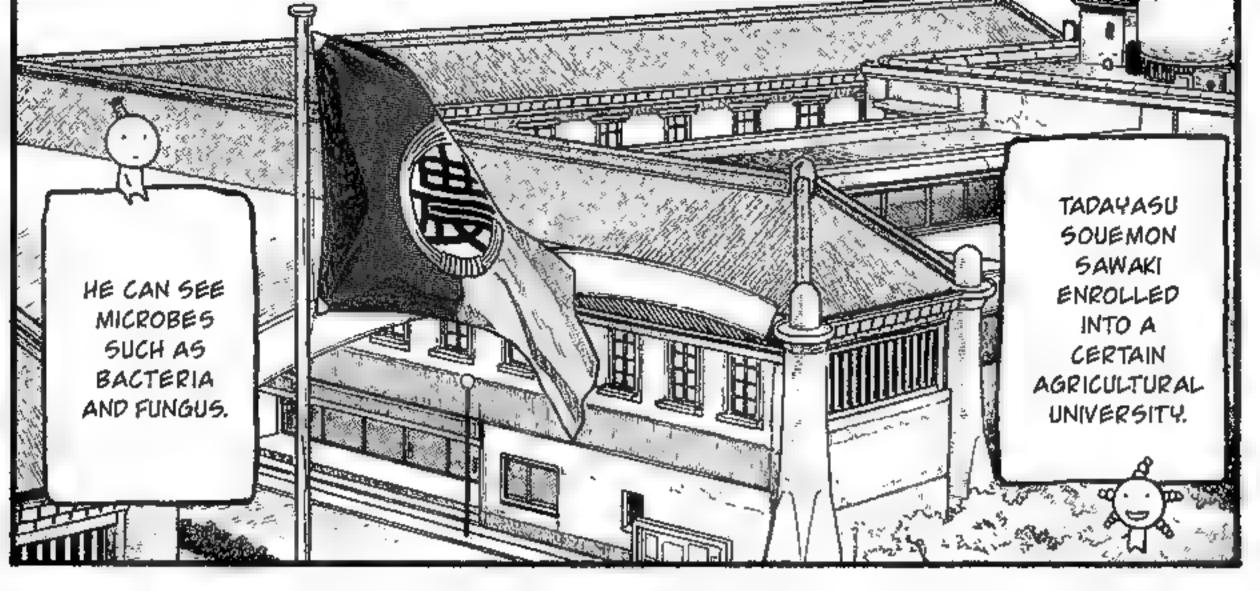


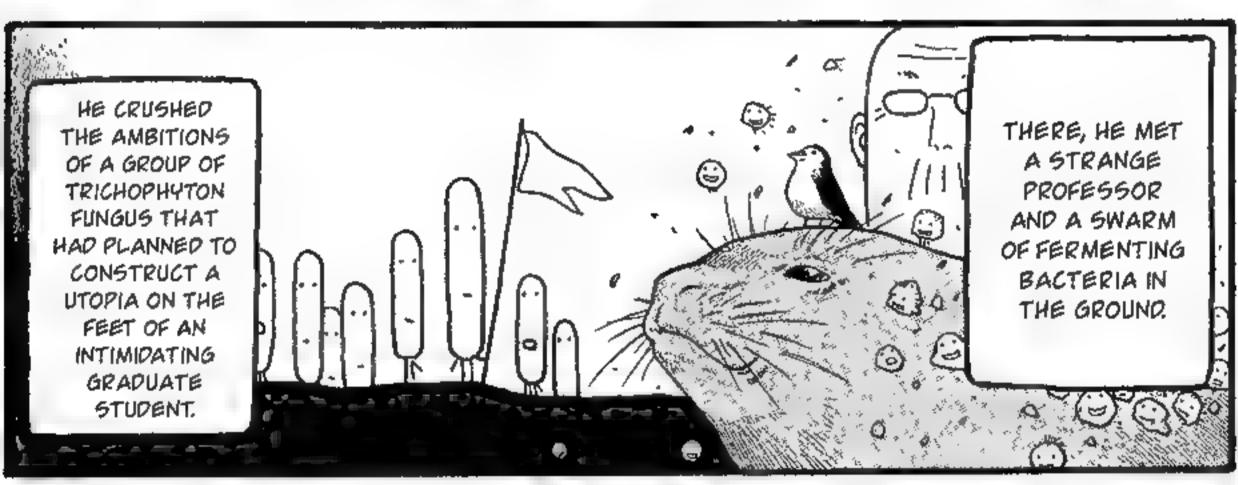


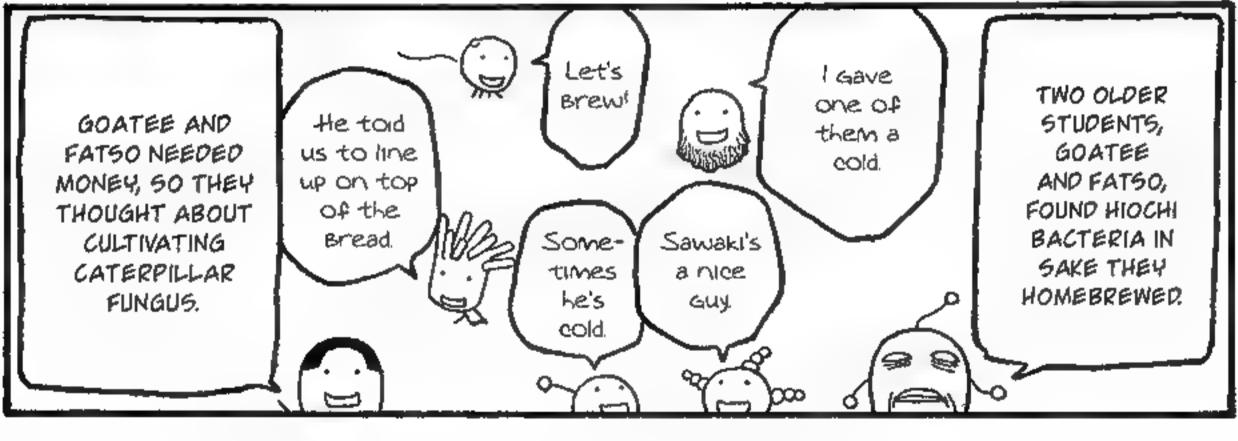


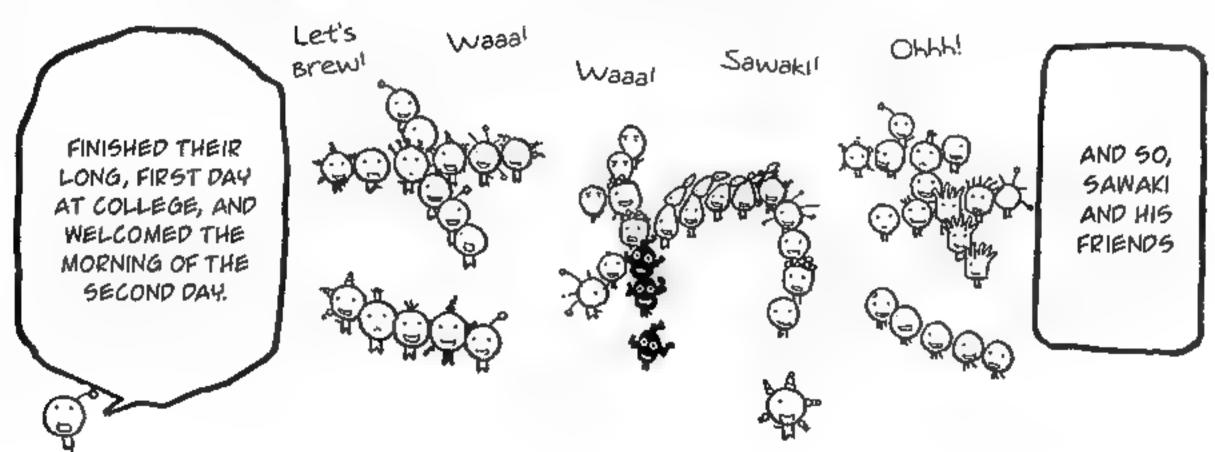
nere won't be to recover Please chapter next time send letters of encou ragement. (Ed)





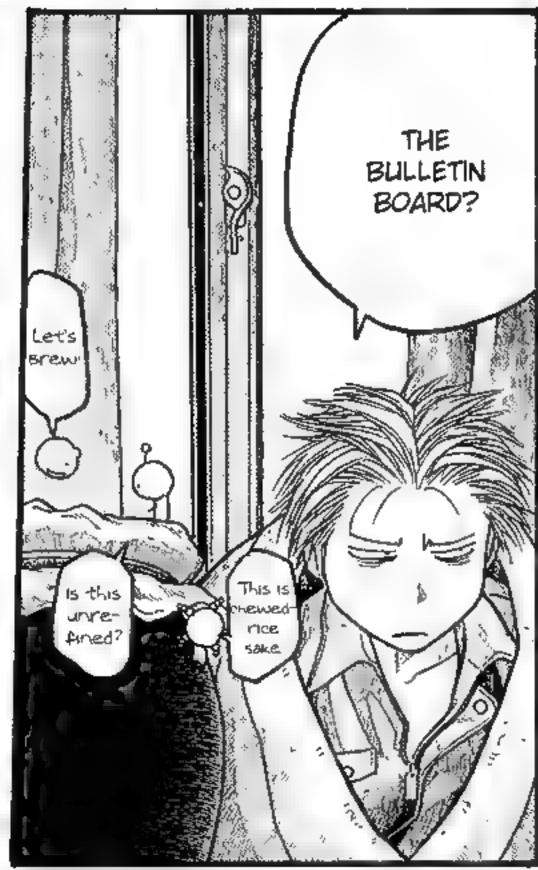














Tadayasu Souemon Sawaki He's

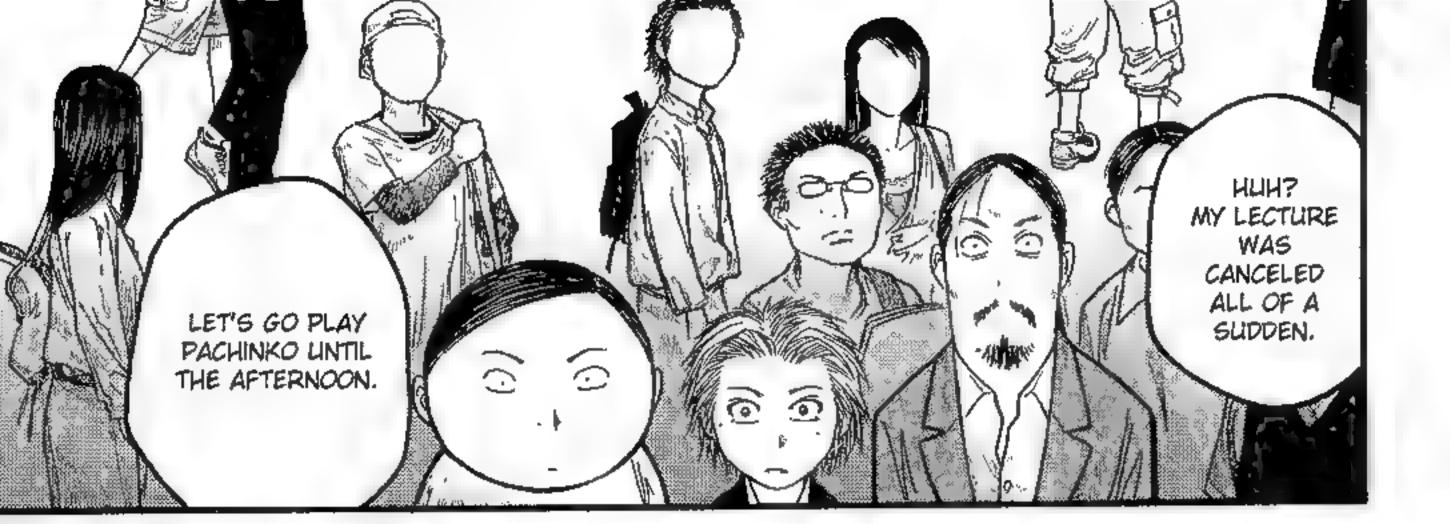
Sawaki
He's
the main
character
For some
reason,
he can see
microbes
"Souemon" is
his family's
trade name.

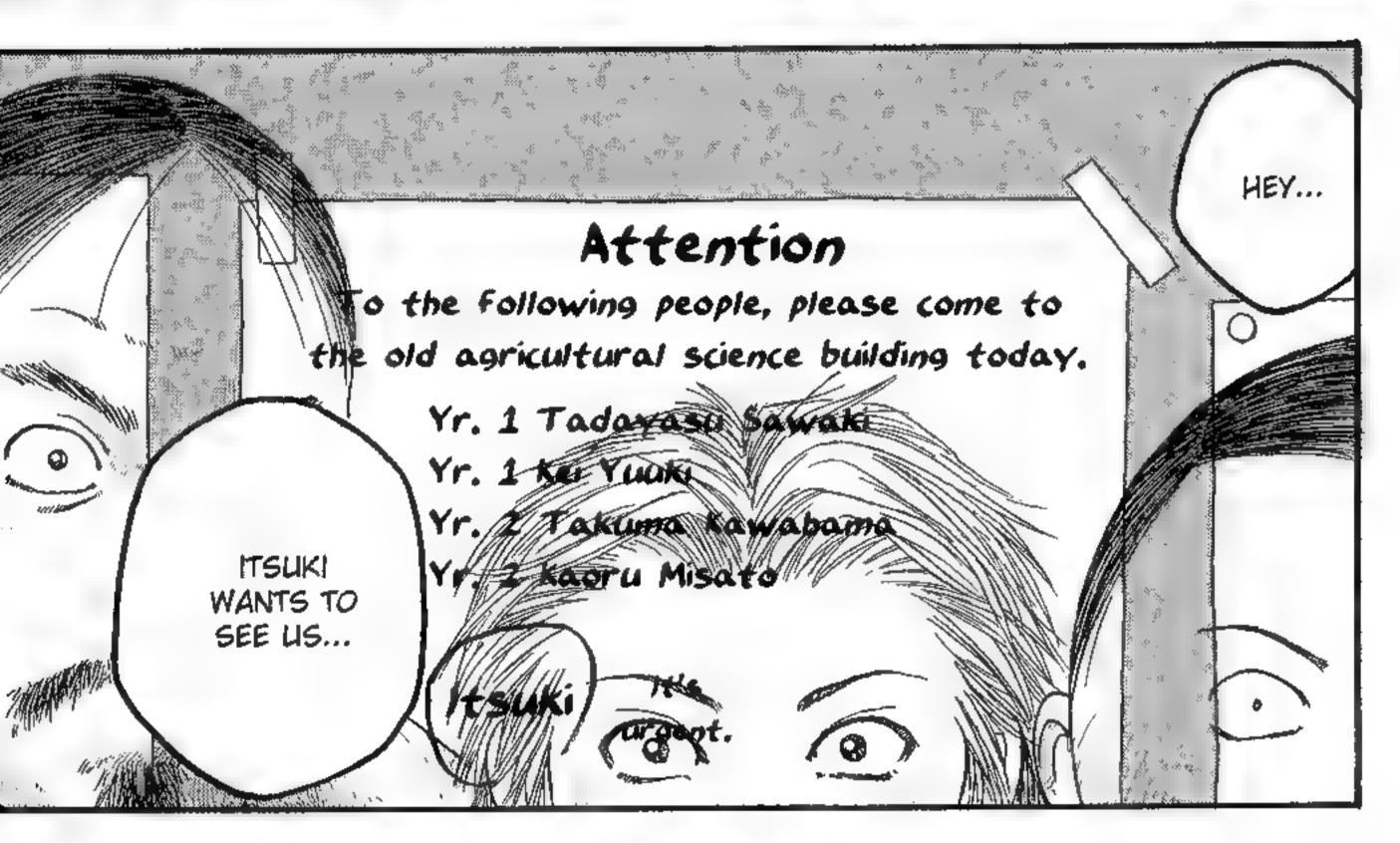


Kaoru
Misato
He's a
second-year
He loves
sake, but it
started with
sake made
from chewed
rice There
is also a
rumor that
he has a
fetish for
bodily fluids.



Takuma
Kawahama
He s a
second-year.
The truth is,
he uses
eyeiid glue.
He has an
unparalleled
love for
insects, and
the reason
will come out
eventually

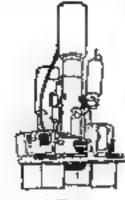












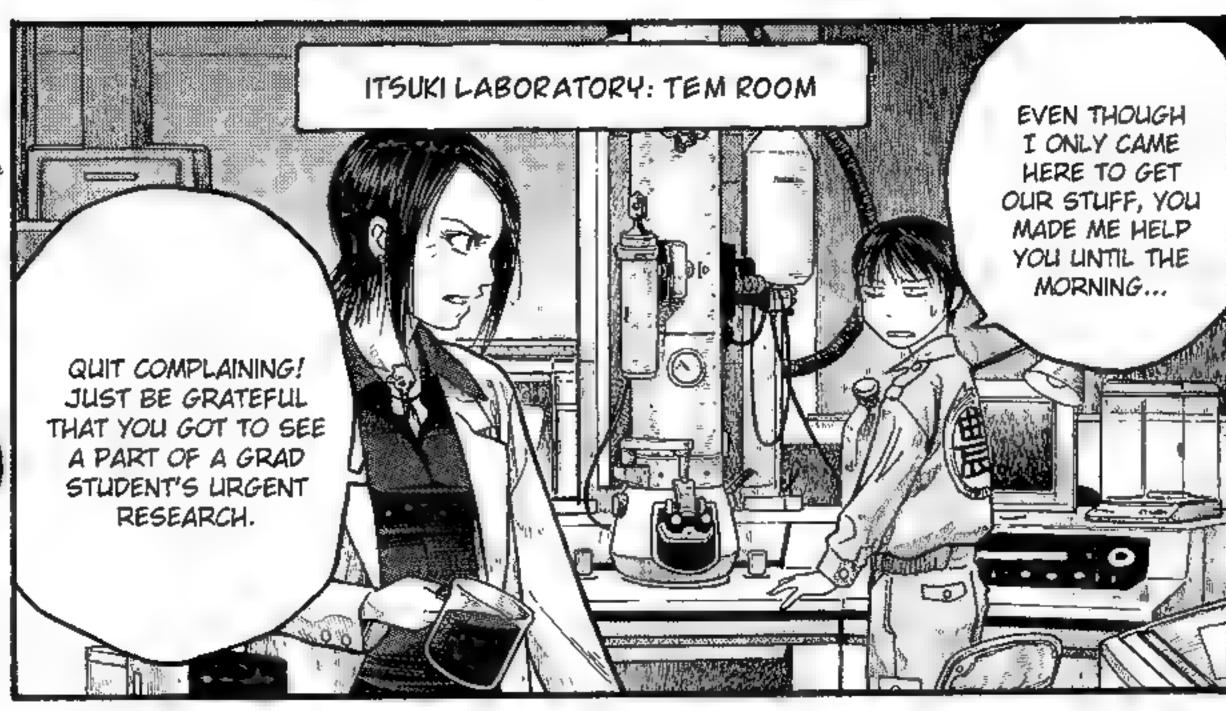
TEM
This is an electron microscope. It costs 300 million yen.



Kei Yuuki
He's been
Sawaki's
friend since
they were
kids and his
parents run a
sake brewery.
He has bad
memories
related
to hiochi
bacteria.



Haruka Hasegawa She's a graduate student at a certain agricultural university. She's Professor Itsuki's No. 1 subord nate. She seems to be treating her athlete's foot.



















Keizou
Itsuki
He's a
professor
at a certa n
agricultural
university
This chapter,
his hidden
passion
comes out



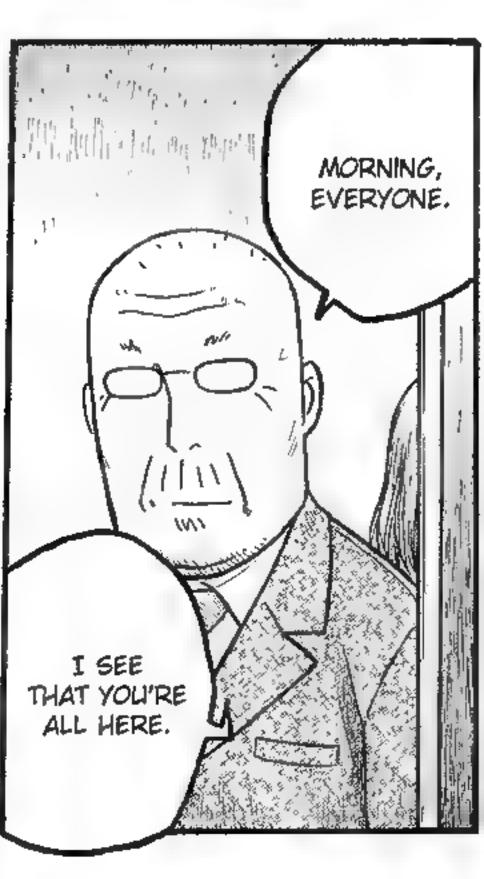






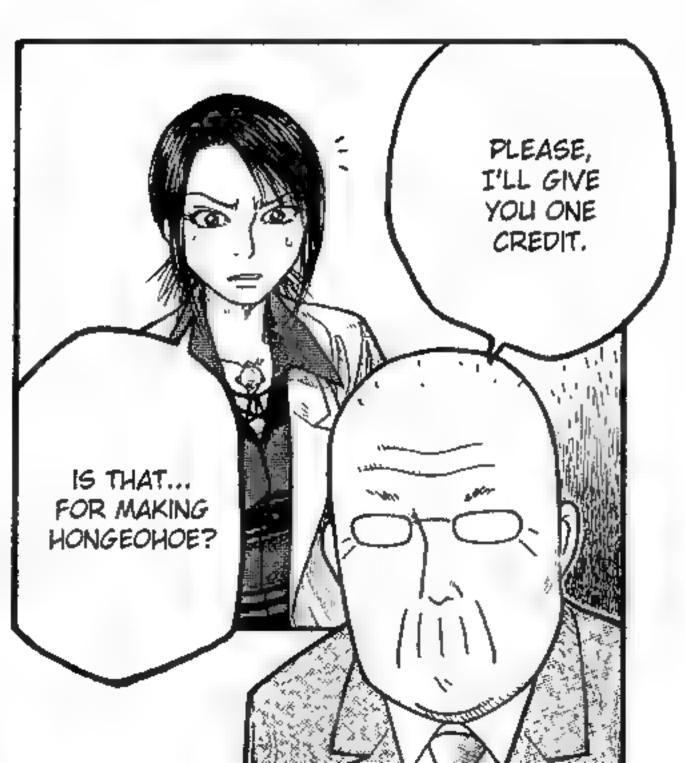
Hazuki Oikawa She's a first-year This is her first appearance. Although she says Professor Itsuki hit on her, the professor probably just wanted to ride with her because the campus is so vast. The campus isn't a public road, so it's okay to ride without a helmet.

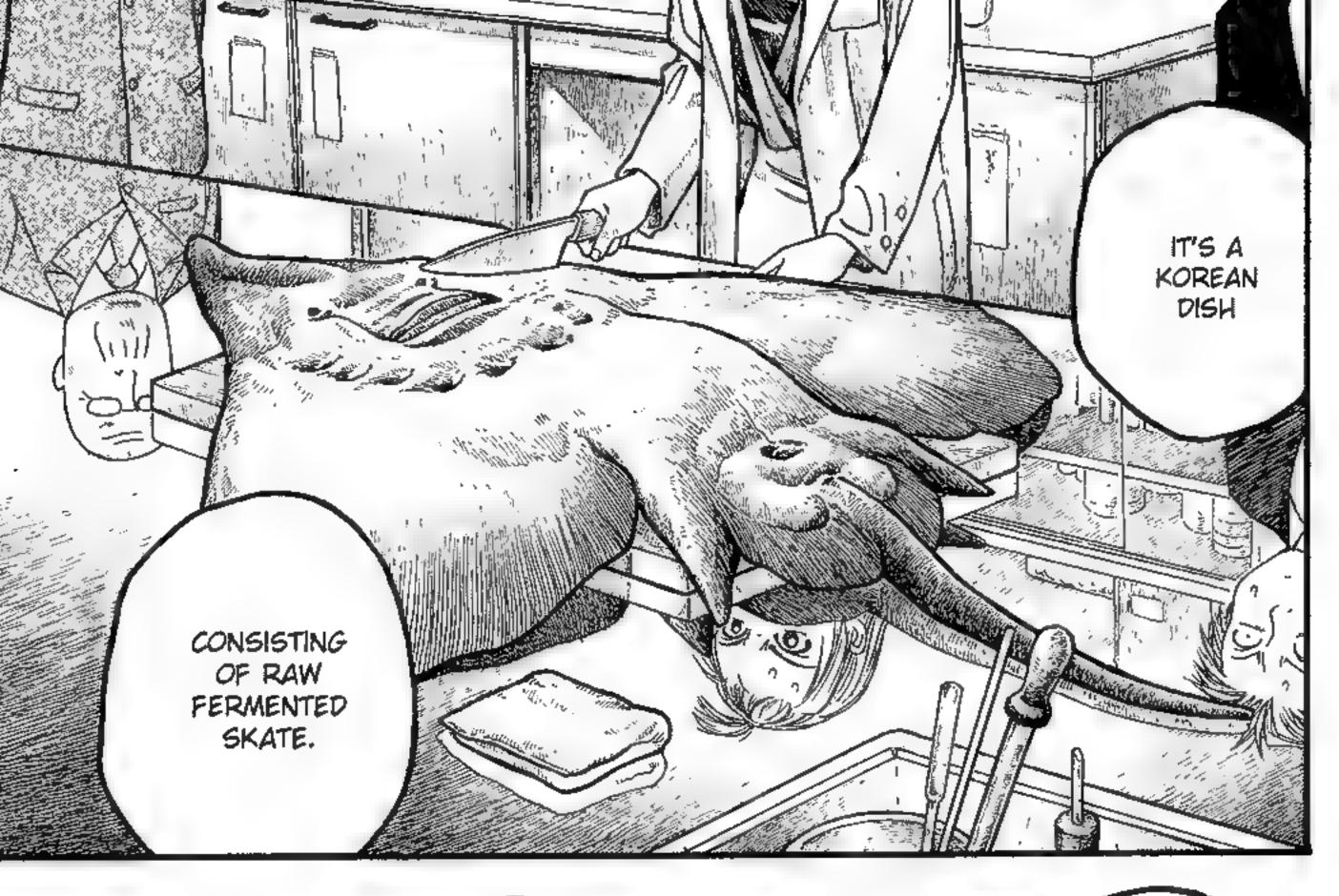




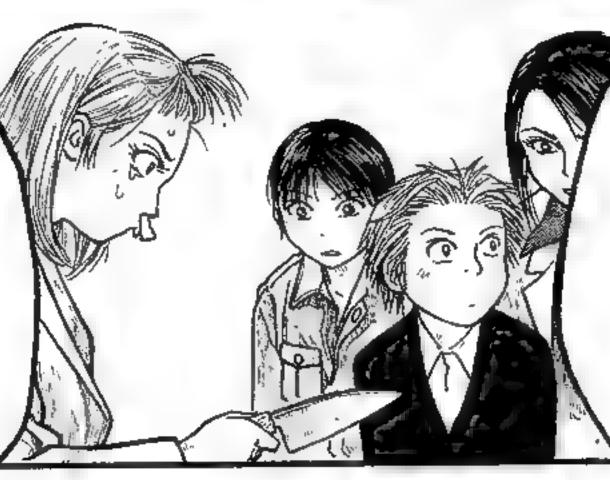












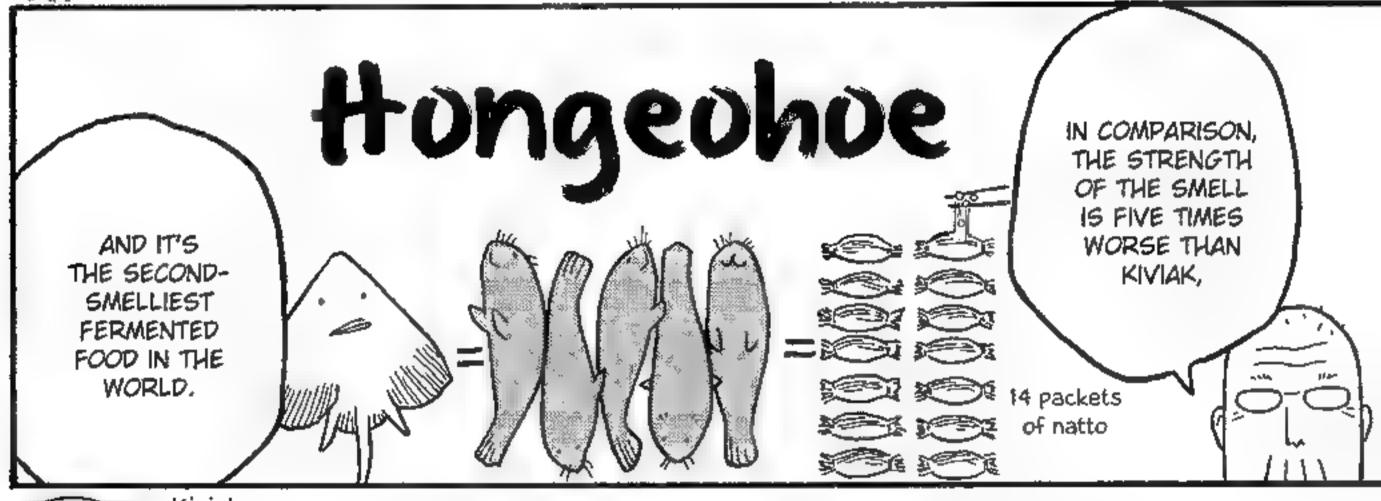
THERE ARE
VARIOUS WAYS
TO PREPARE
HONGEOHOE LIKE
SLICING IT UP
AND EATING IT RAW
OR STEAMING IT,
BUT IT'S EATEN
FERMENTED.





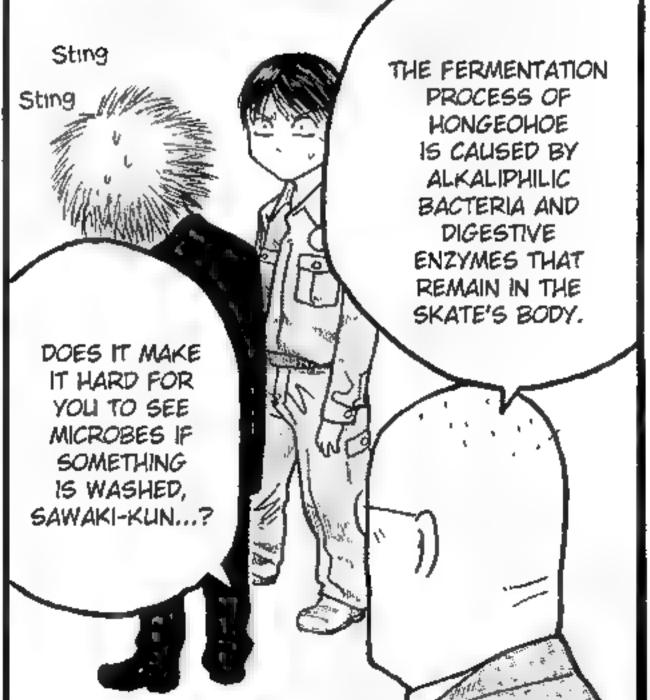


B. halodurans and others in the Bacillus genus Most alkaliph lic bacteria are these guys.



Kiviak
This is a food where a seal's belly is stuffed with sea birds and allowed to ferment in the ground.



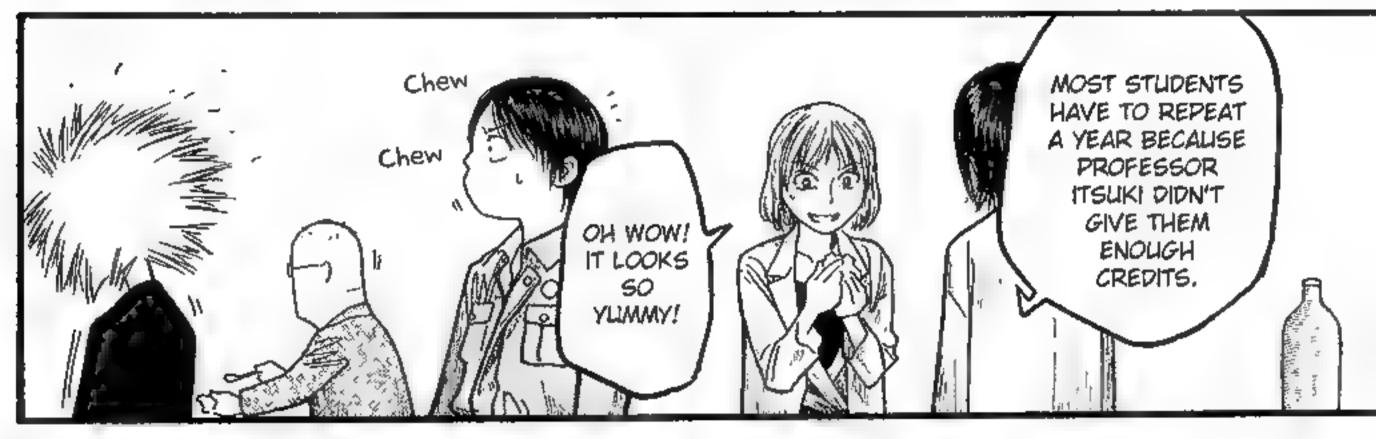






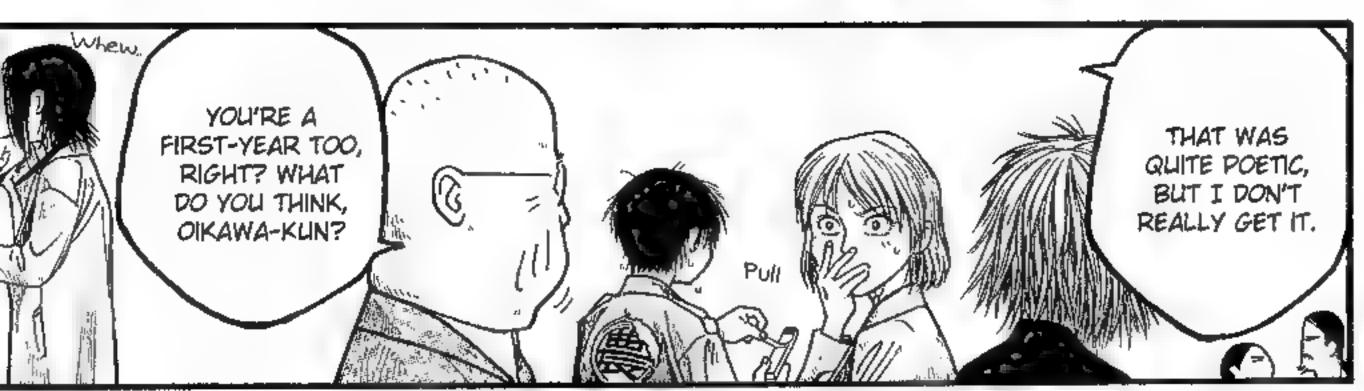


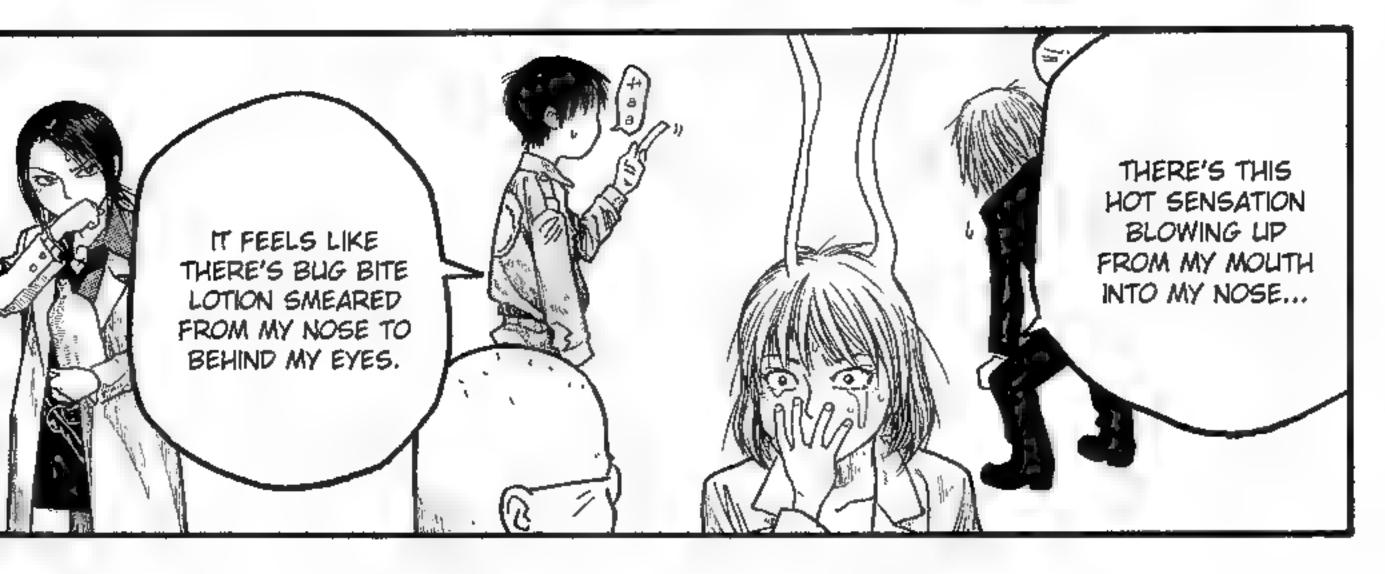








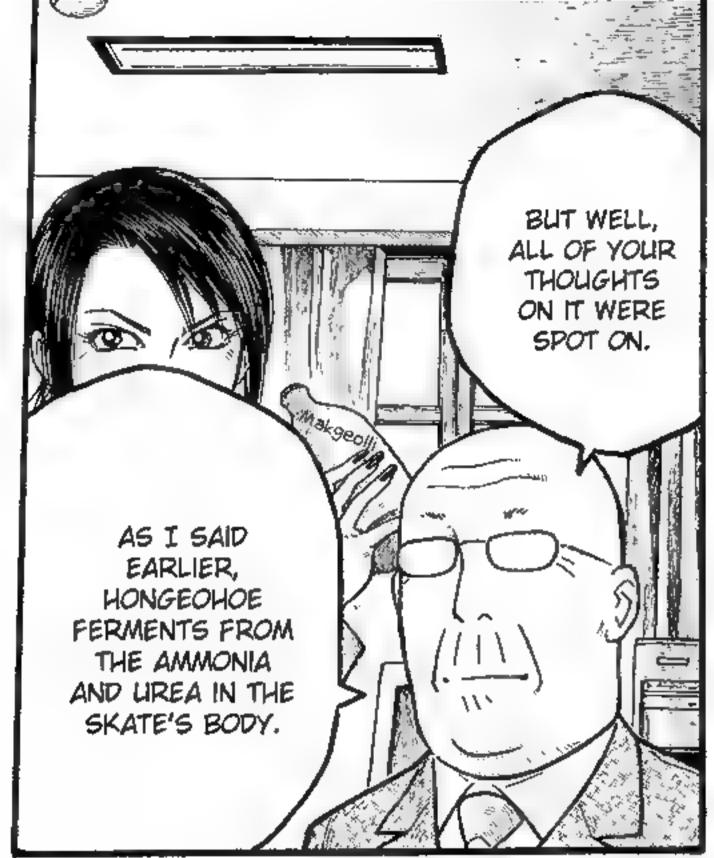




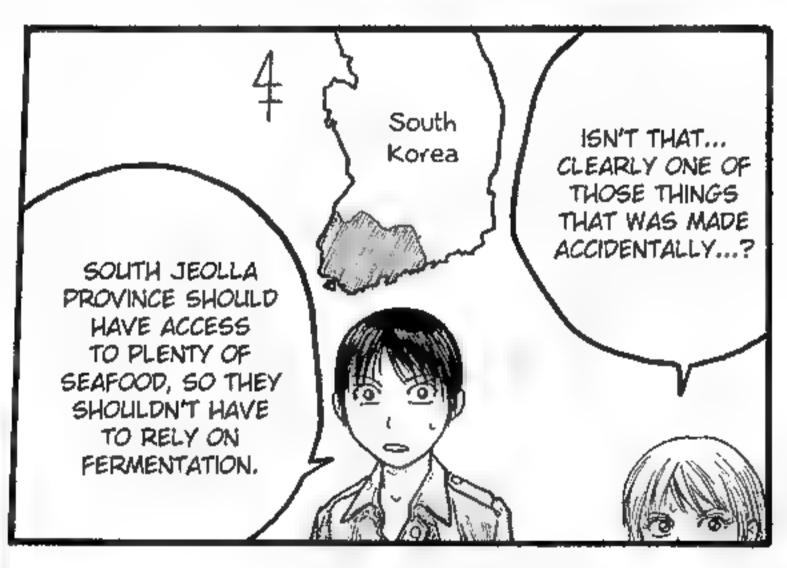




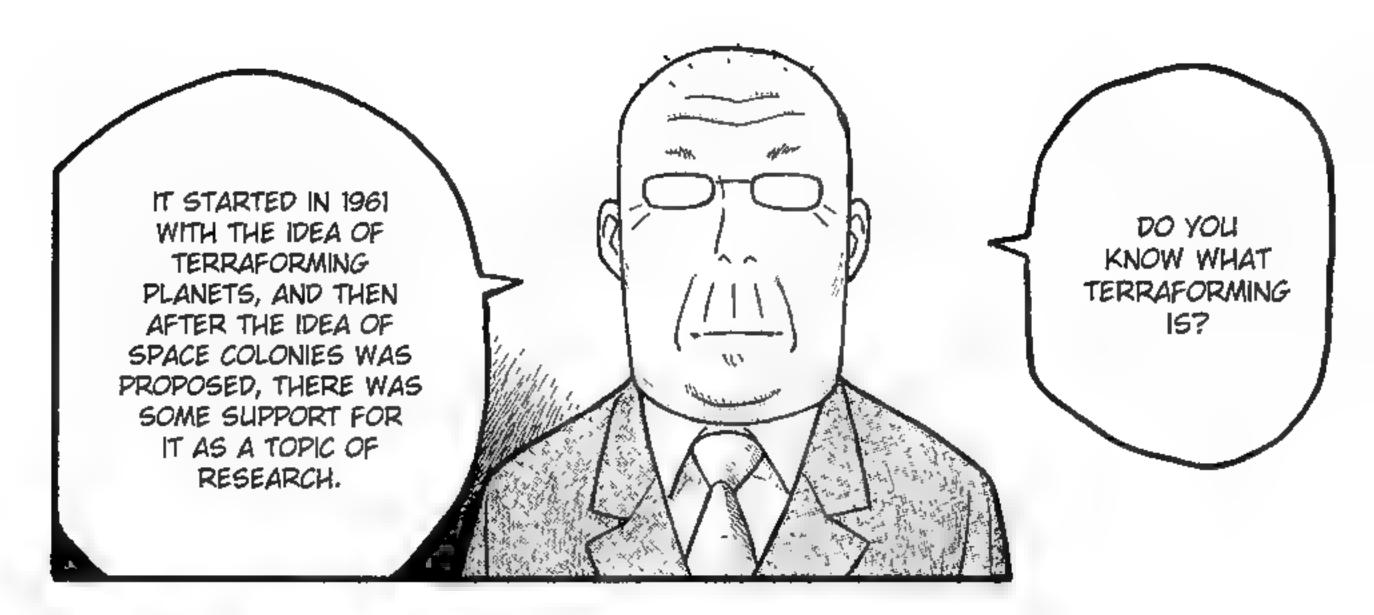


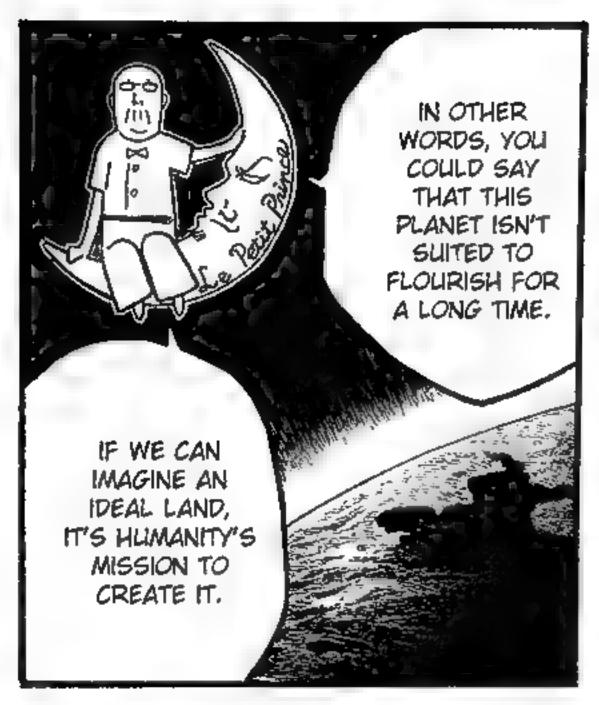


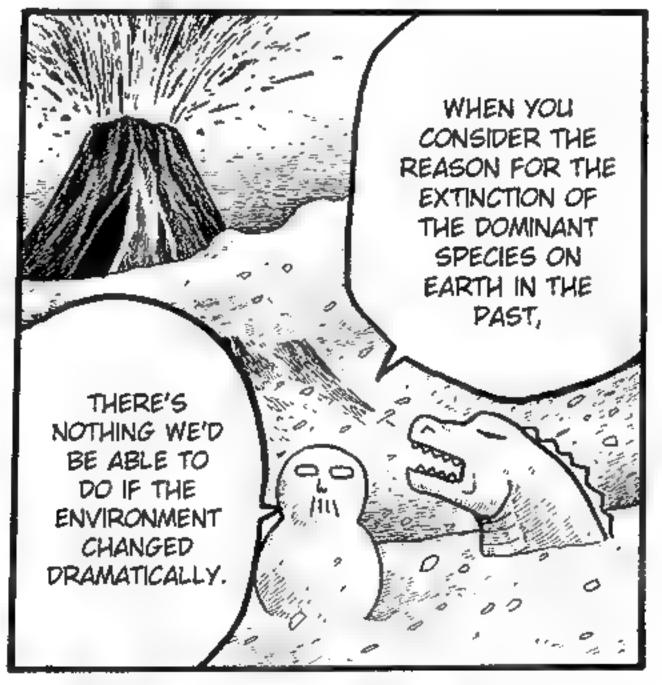


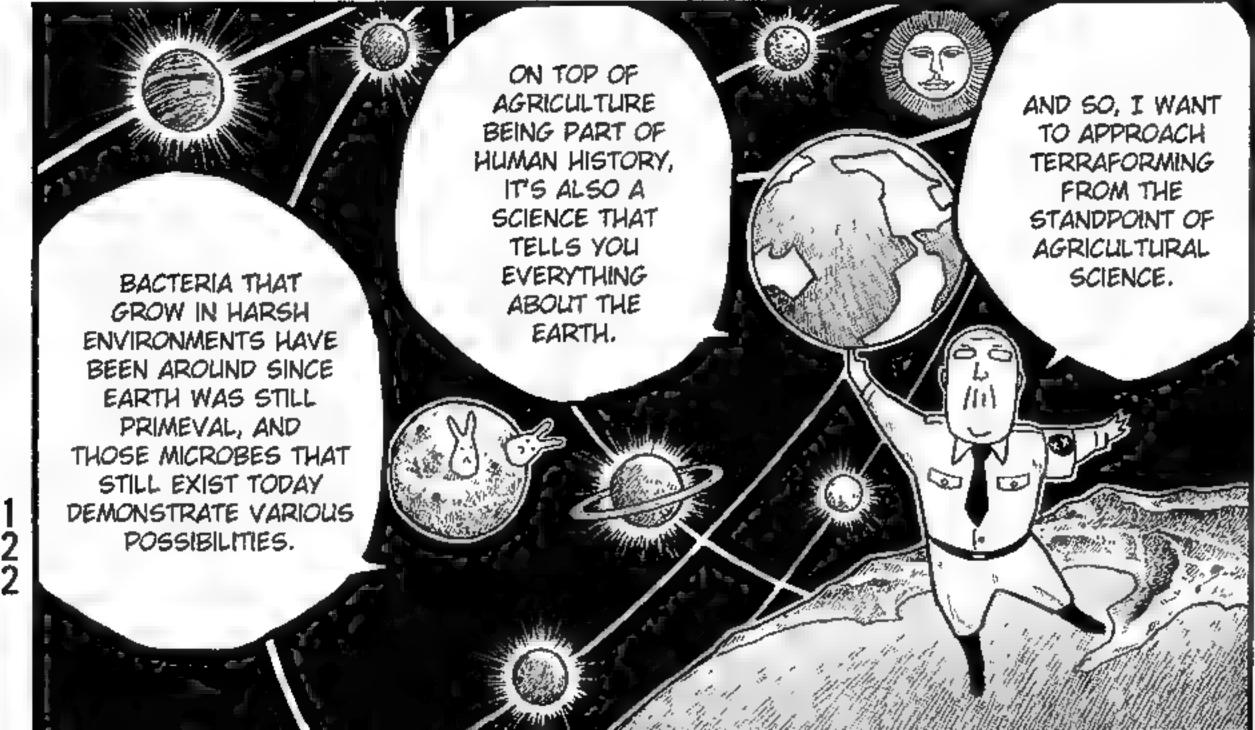


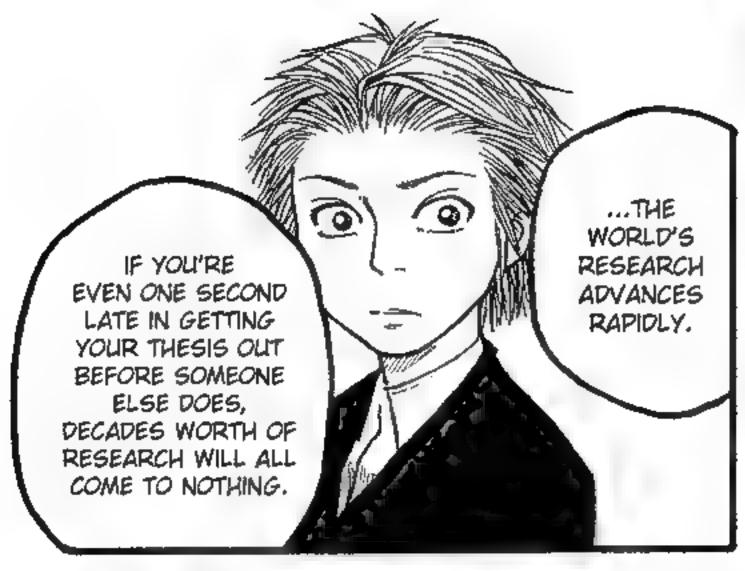


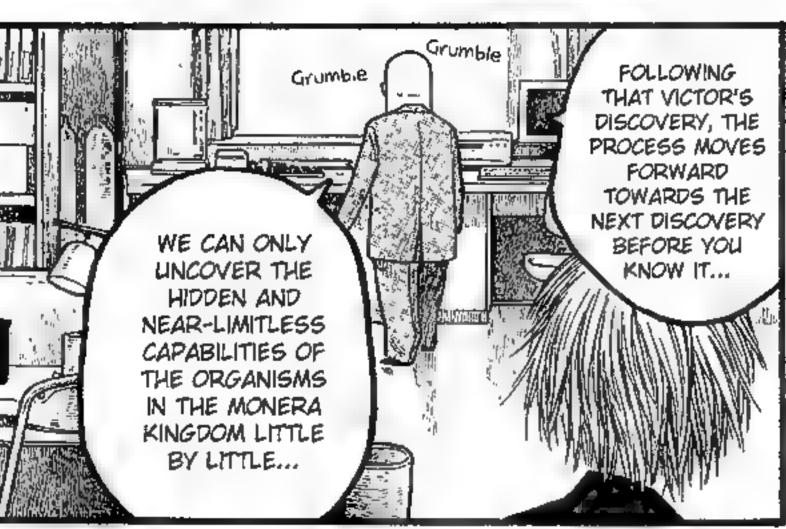


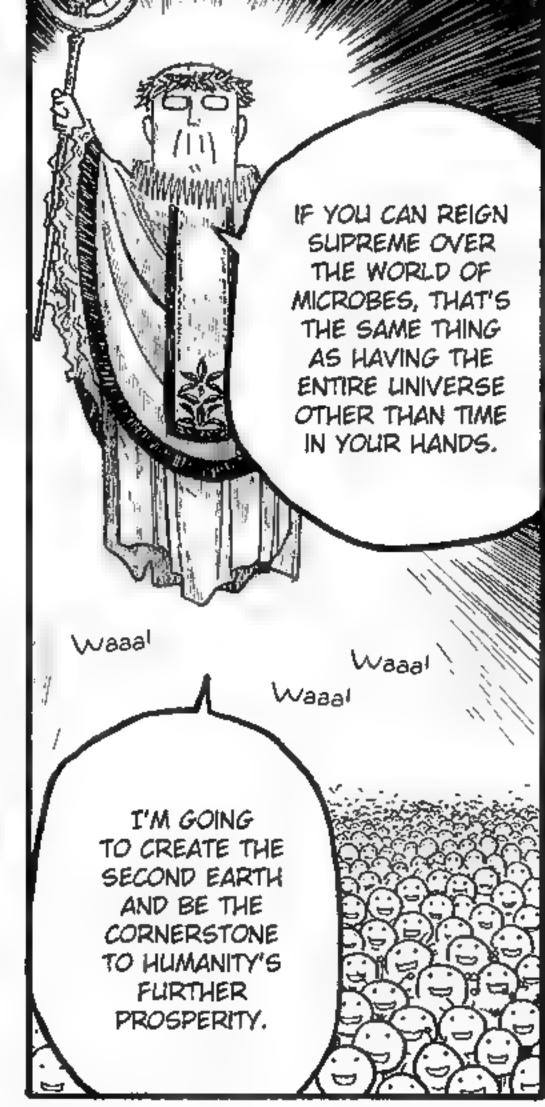














AGRICULTURAL SCIENCE IS A DISCIPLINE THAT DEALS WITH LEARNING ABOUT ALL LIVING THINGS. YOU DON'T JUST LEARN ABOUT THINGS HAVING TO DO WITH HUMAN ACTIVITY THAT INVOLVES AGRICULTURE. WHILE LEARNING ABOUT THINGS AND PHENOMENA THAT MICROBES AND NATURE HAVE PRODUCED SINCE ANCIENT TIMES, IT'S ALSO THE MISSION OF AGRICULTURAL SCIENCE TO DISCOVER NEW THINGS THAT STILL AS YET CAN'T BE DEPINED. IN OTHER WORDS, YOU COULD SAY THAT AGRICULTURAL SCIENCE IS THE DISCIPLINE ABOVE ALL ELSE THAT TIES THE PAST AND THE FUTURE

TOGETHER.

There

he goes

again

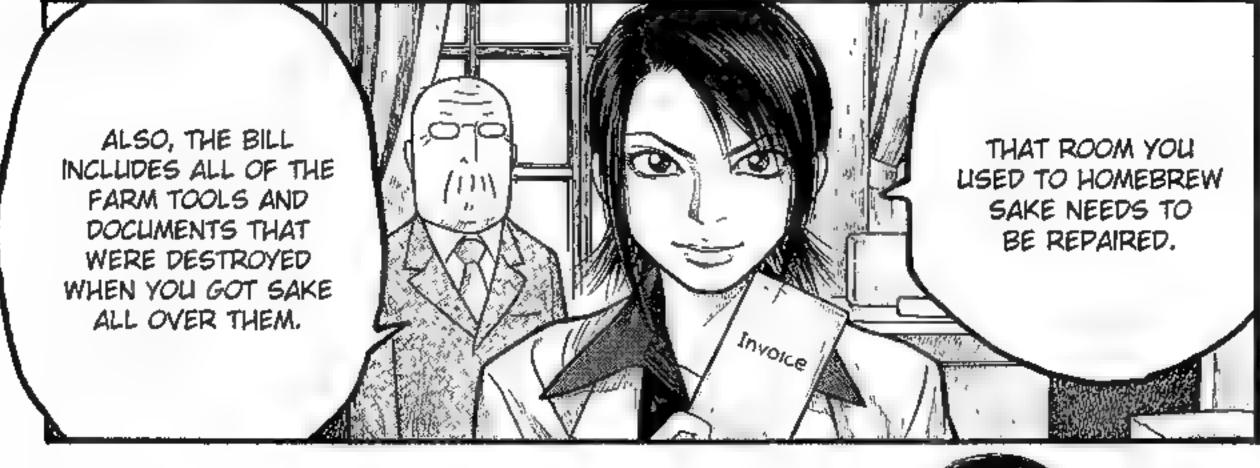
WITH MY KNOWLEDGE AND YOUR ABILITY, SAWAKI-KUN, IT'D BE POSSIBLE FOR US TO UNCOVER THOSE UNKNOWN CAPABILITIES AS LONG AS TIME ALLOWS. IN RECENT YEARS. THE HYDROGEN PRODUCED THROUGH FERMENTING BREAD HAS BEEN USED AS A SOURCE OF ENERGY, AND THERE ARE OTHER MIRACULOUS TECHNIQUES STILL HIDDEN FROM US THAT USE MICROBES FOR NEW SOURCES OF ENERGY OR FOOD.











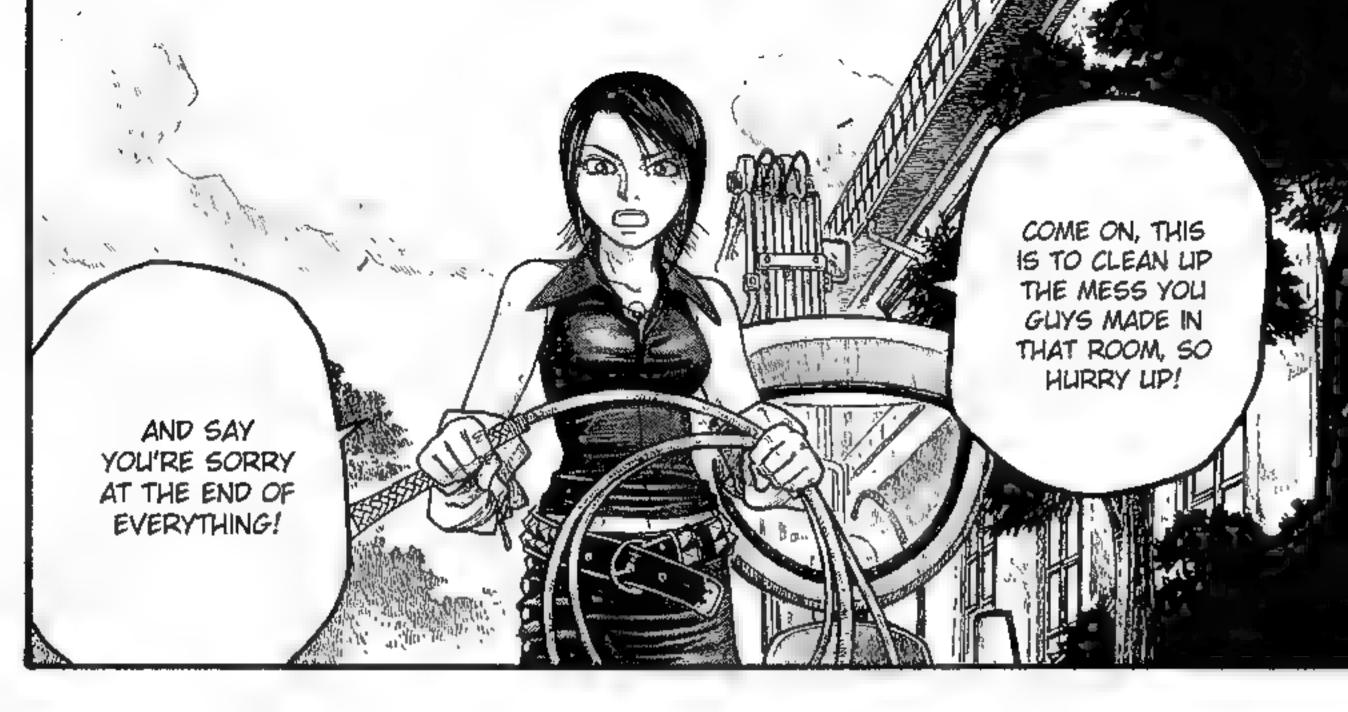


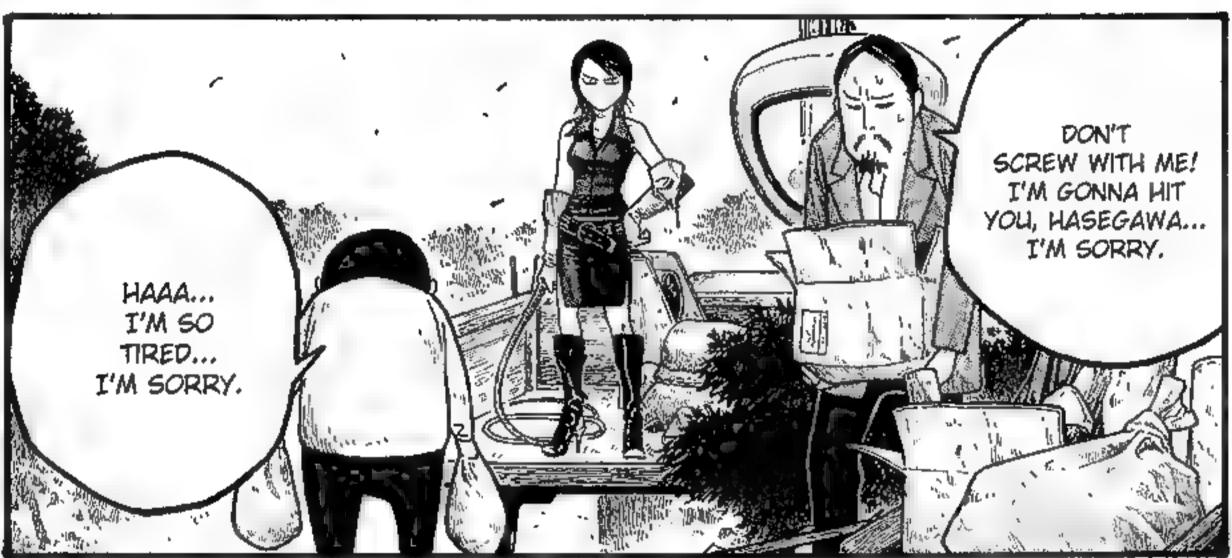




Classes are going to start soon.

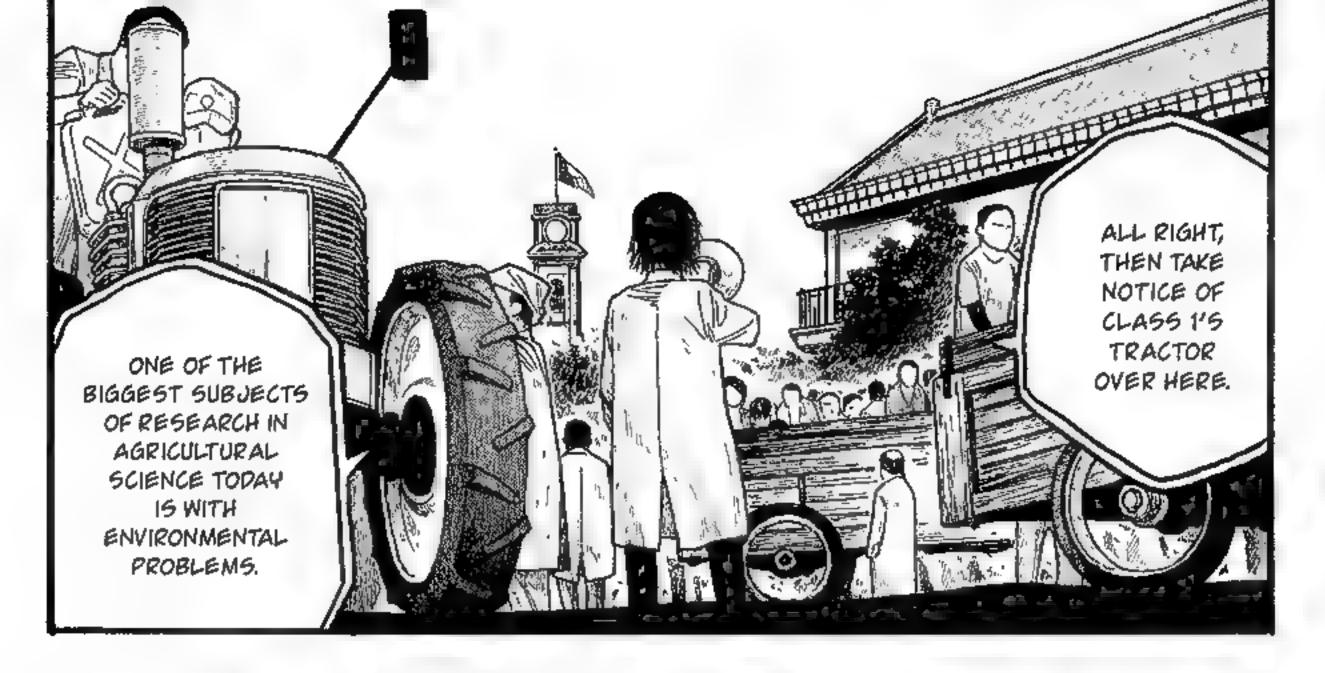


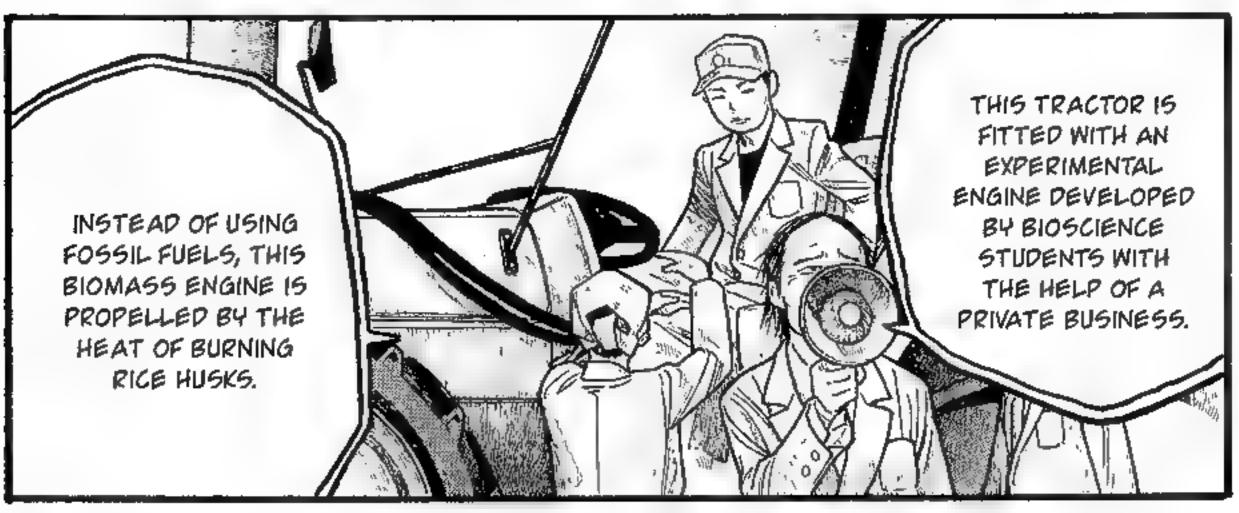






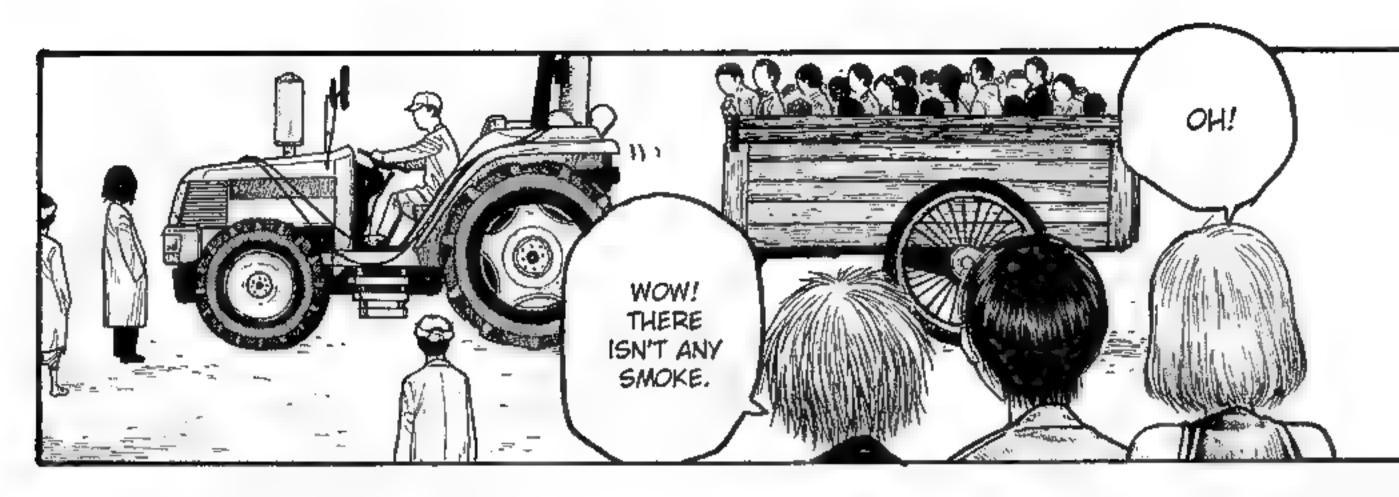


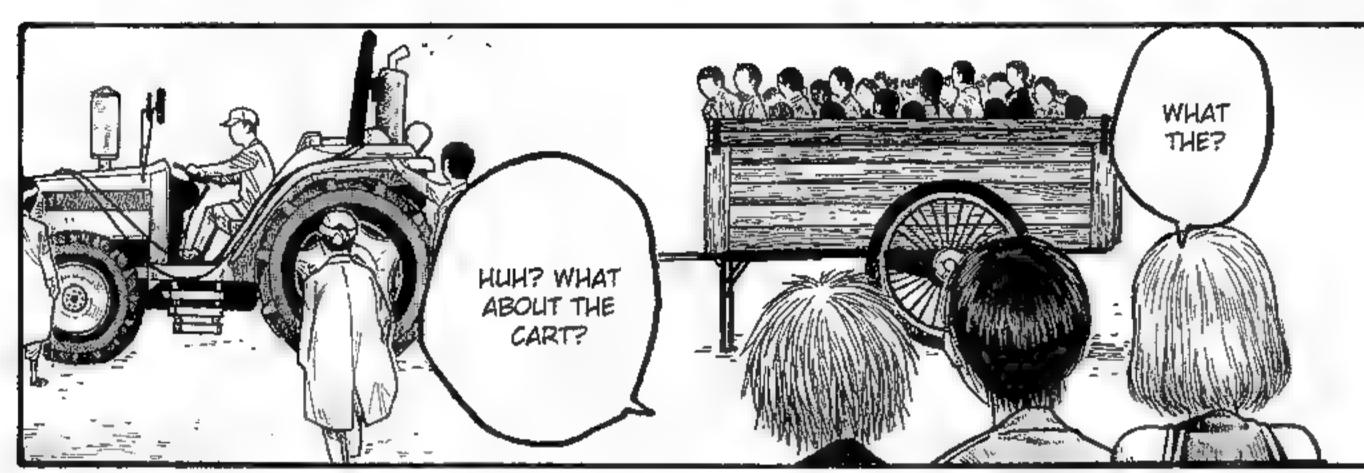


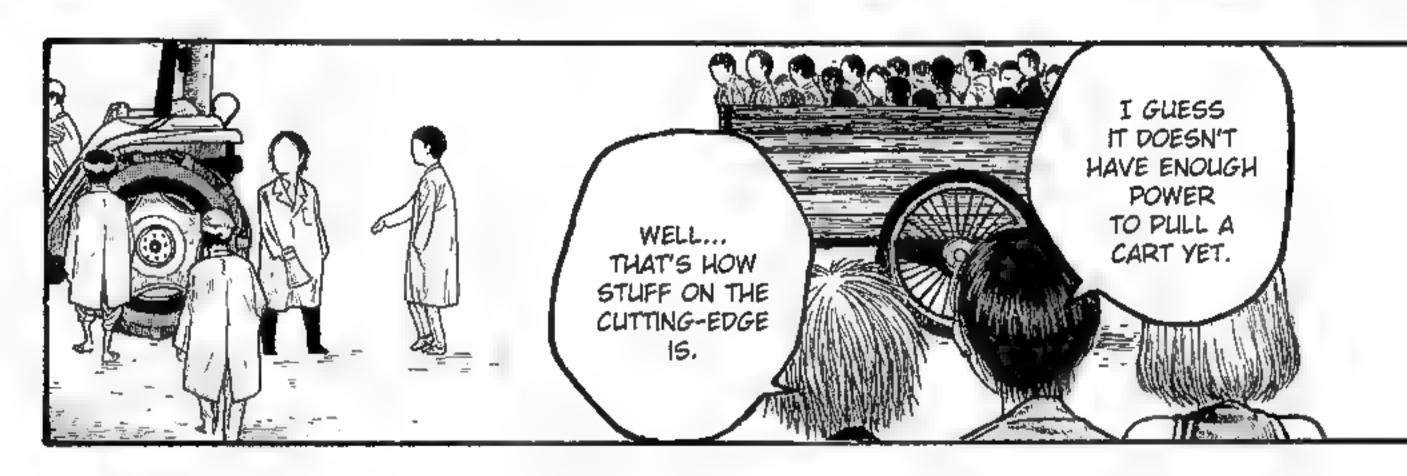


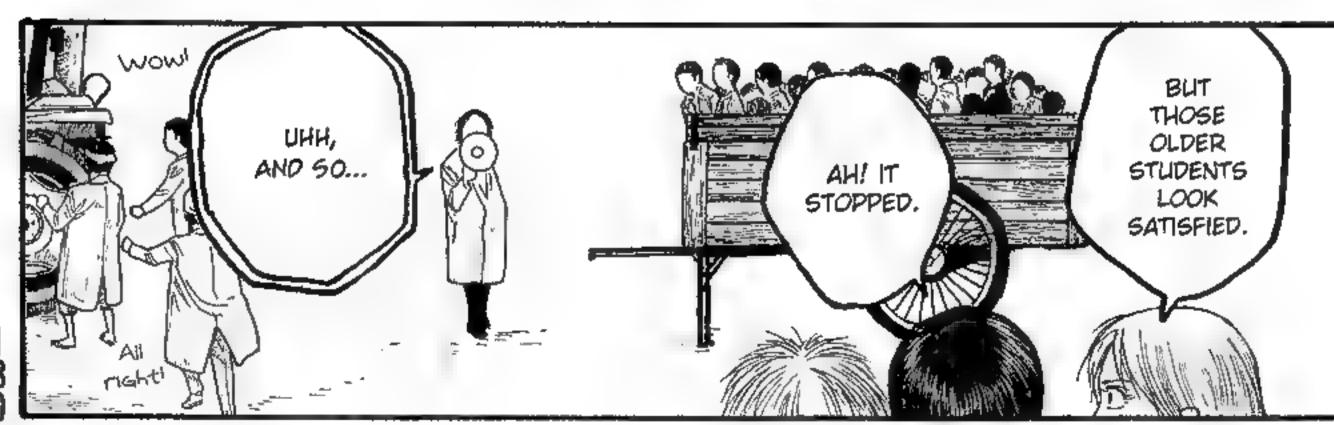




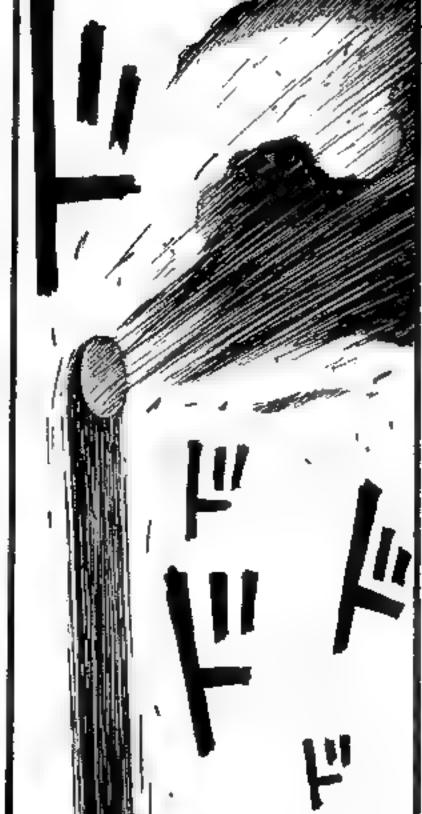




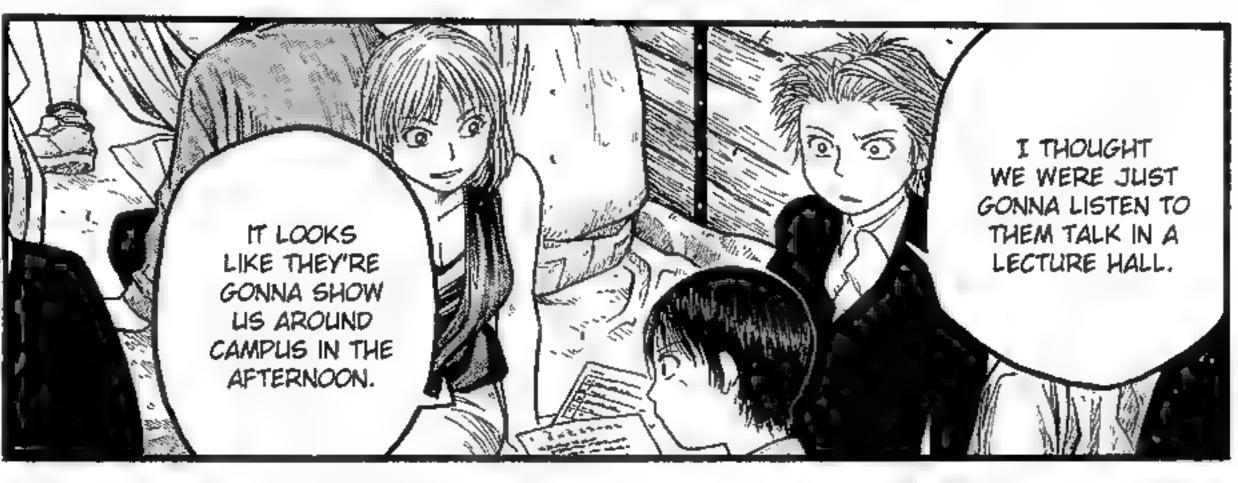








Tadayasu
Sawaki
He's the main
character
For some
reason,
he can see
microbes.
He'li play
a big part
this time.



Kei Yuuki

Kei Yuuki
He's been
Sawaki's
friend since
they were
kids and his
parents run a
sake brewery.

He's being influenced by Hasegawa, a graduate student.



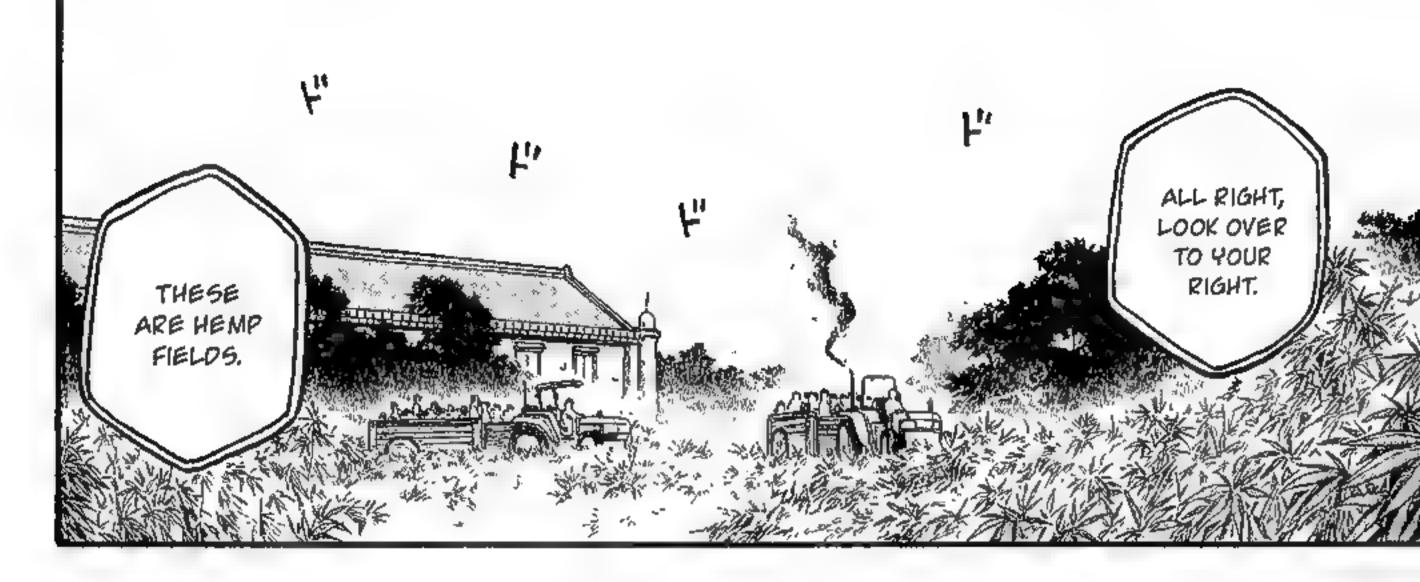
Hazuki

Olkawa
Like Sawaki
and Yuuki,
she's a
first-year
at the
agricultural
university.
Professor
Itsuk, hit
on her in the
last chapter

The note: "Ponna Ponna" is a song about a calf being led to slaughter.



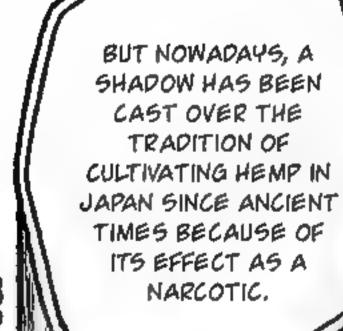












ON TOP OF
HEMP GROWING
REMARKABLY FAST,
IT CAN BE USED FOR
FOOD, AS A TEXTILE,
AS FUEL AND
ALSO FOR SOIL
ENRICHMENT.



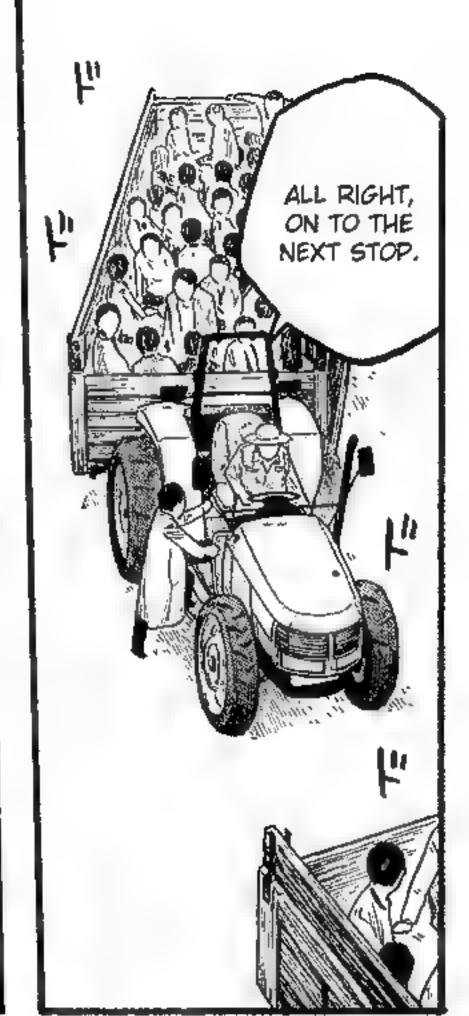
Keizou
Itsuki
He's a
professor
at a certain
agricultural
university
He wants
to use
Sawaki's
special
ability to do
something
big.



Haruka Hasegawa She's a graduate student at a certain agricultural university. Shes Professor Itsuki's No 1 subordinate She's not an S&M dom.natrix.



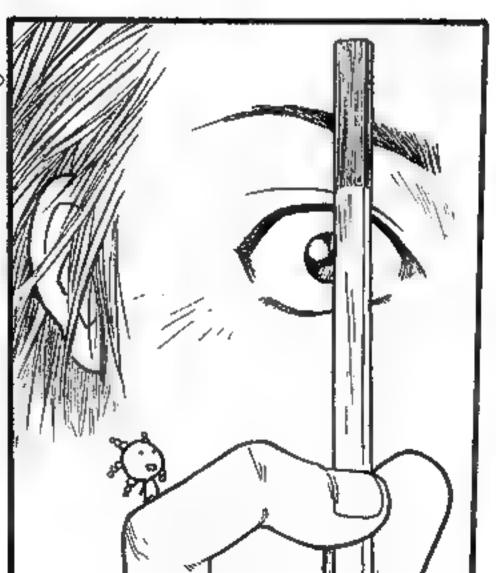






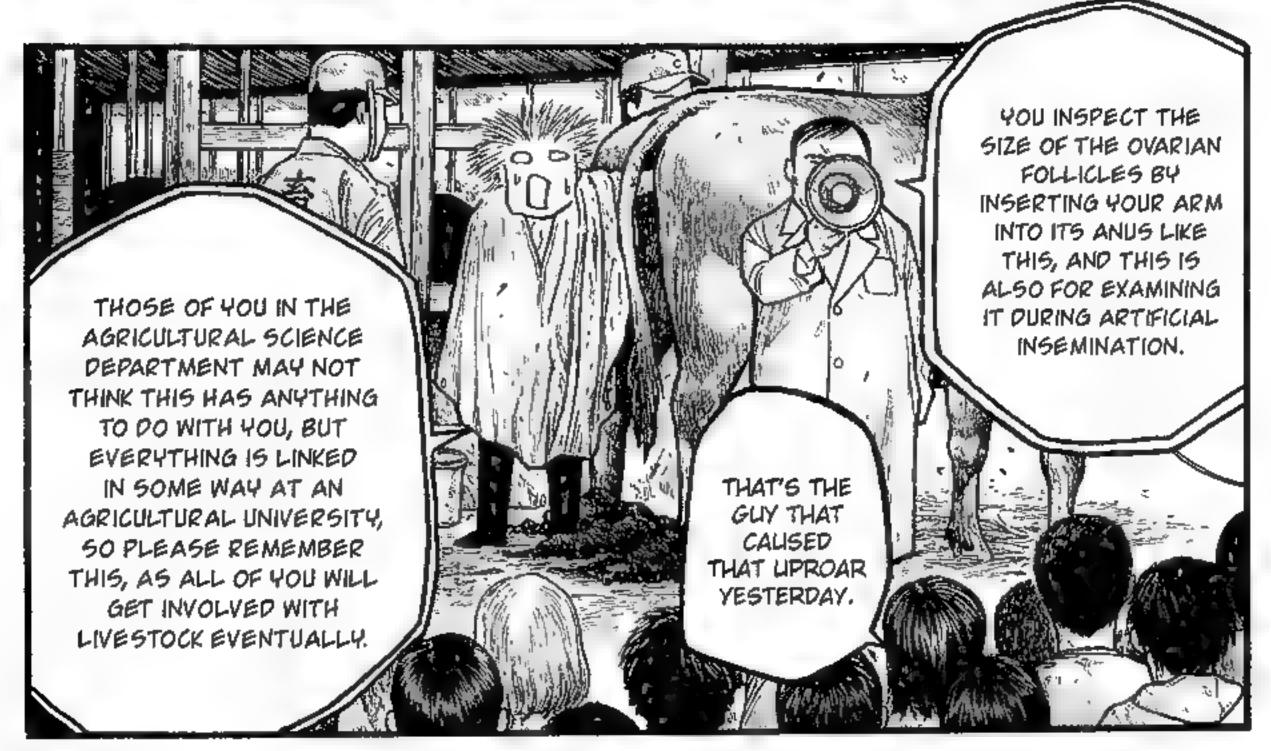


A. oryzae
It's also
known as
yeliow mold.
It often
clings to
Sawaki.
D.d it come
from his
home!?









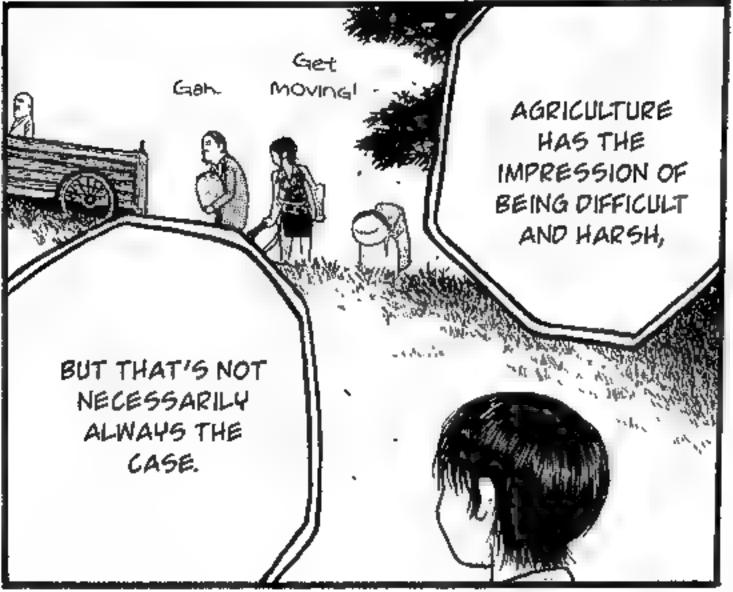










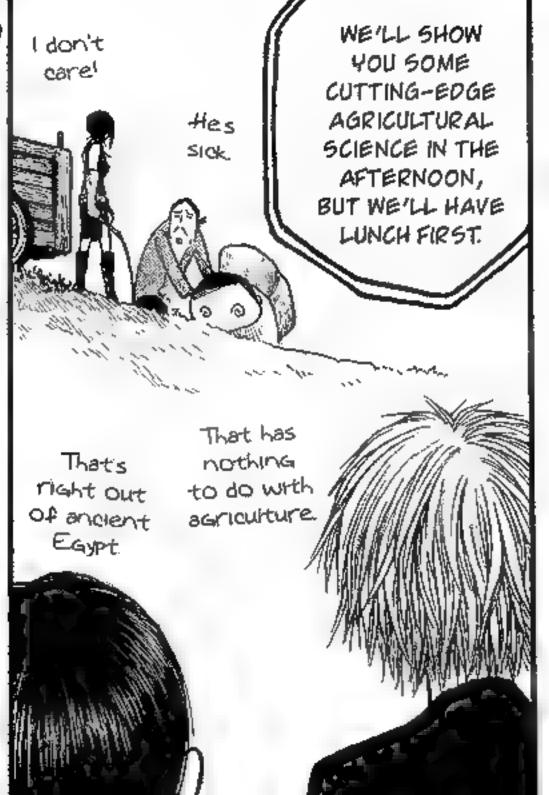






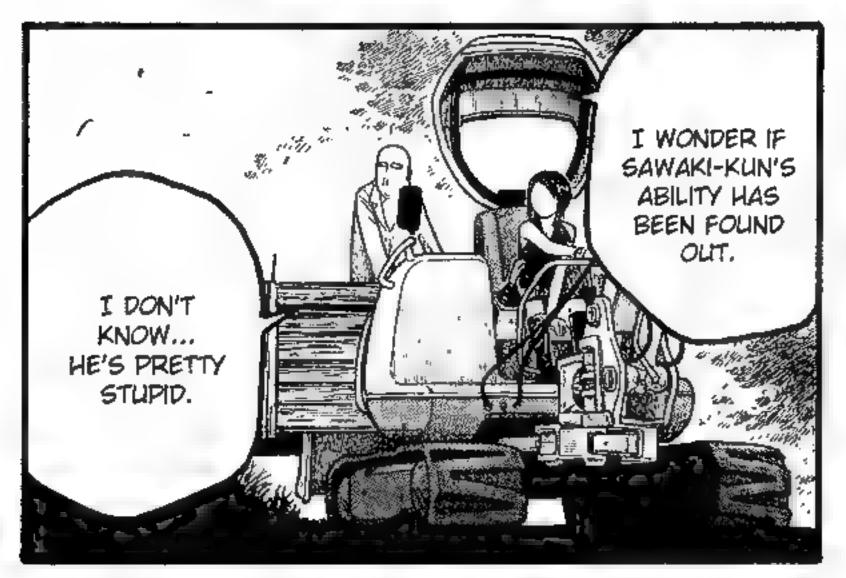
Takuma Kawahama He's a

second-year.
He's in debt
along with
M sato
He caught a
cold from a
rhinovirus the
day before.









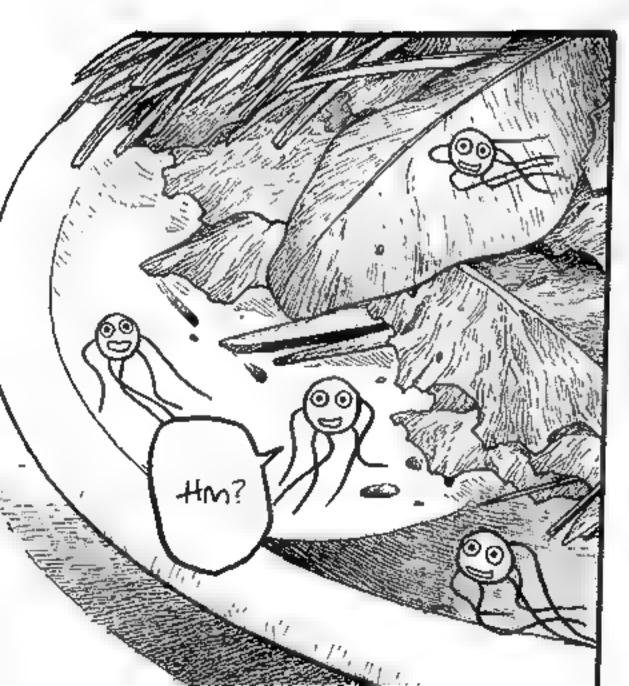








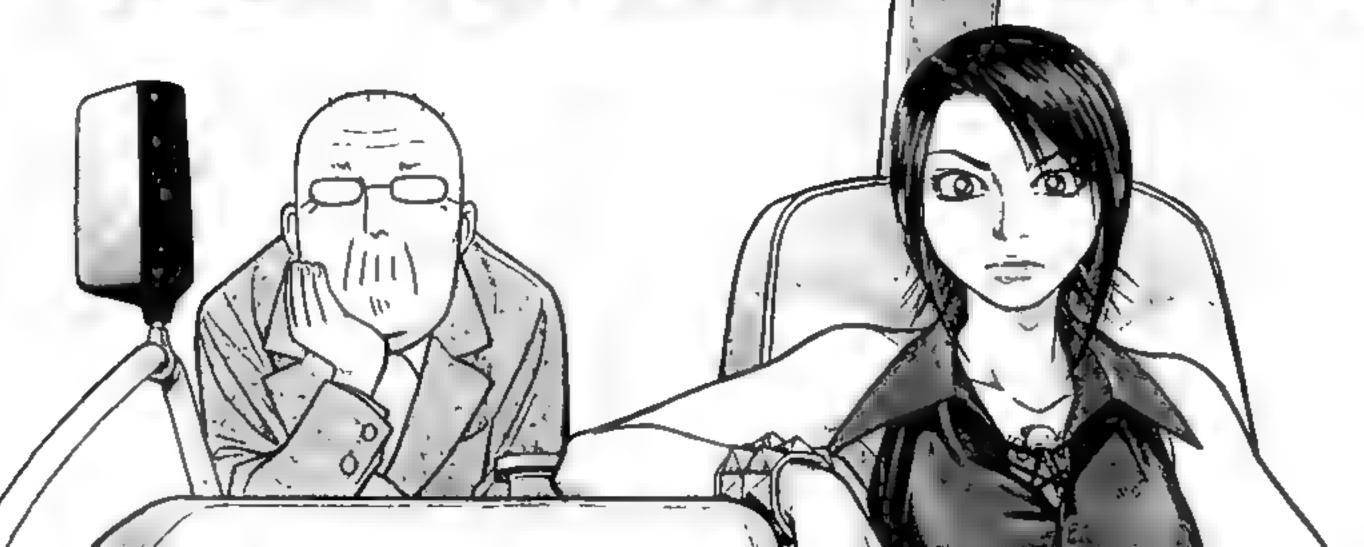






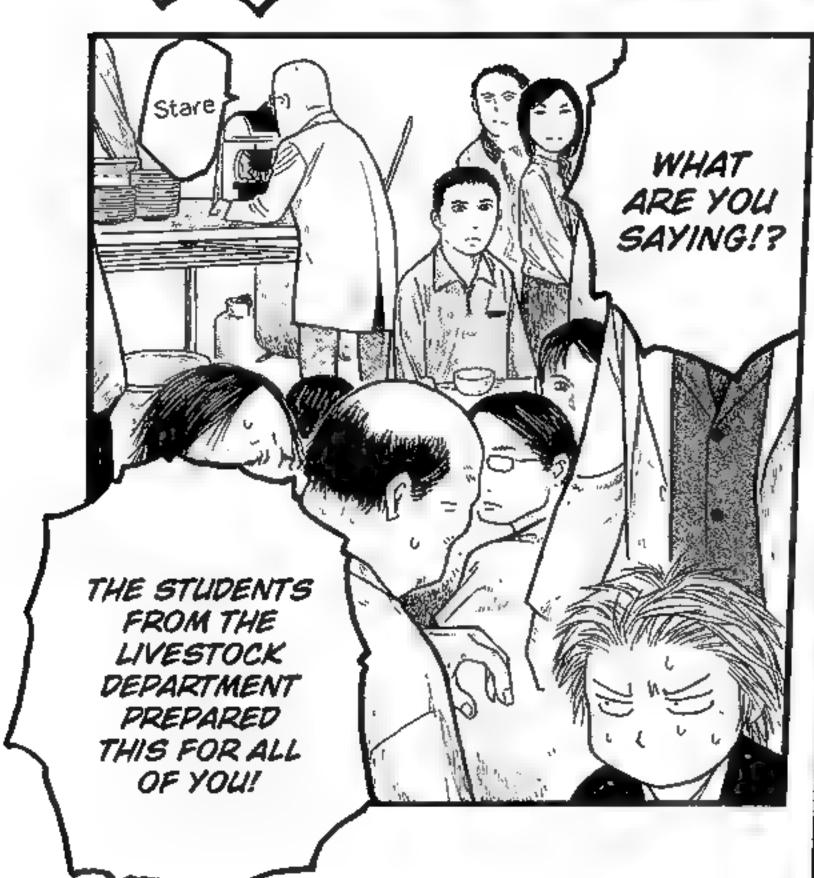




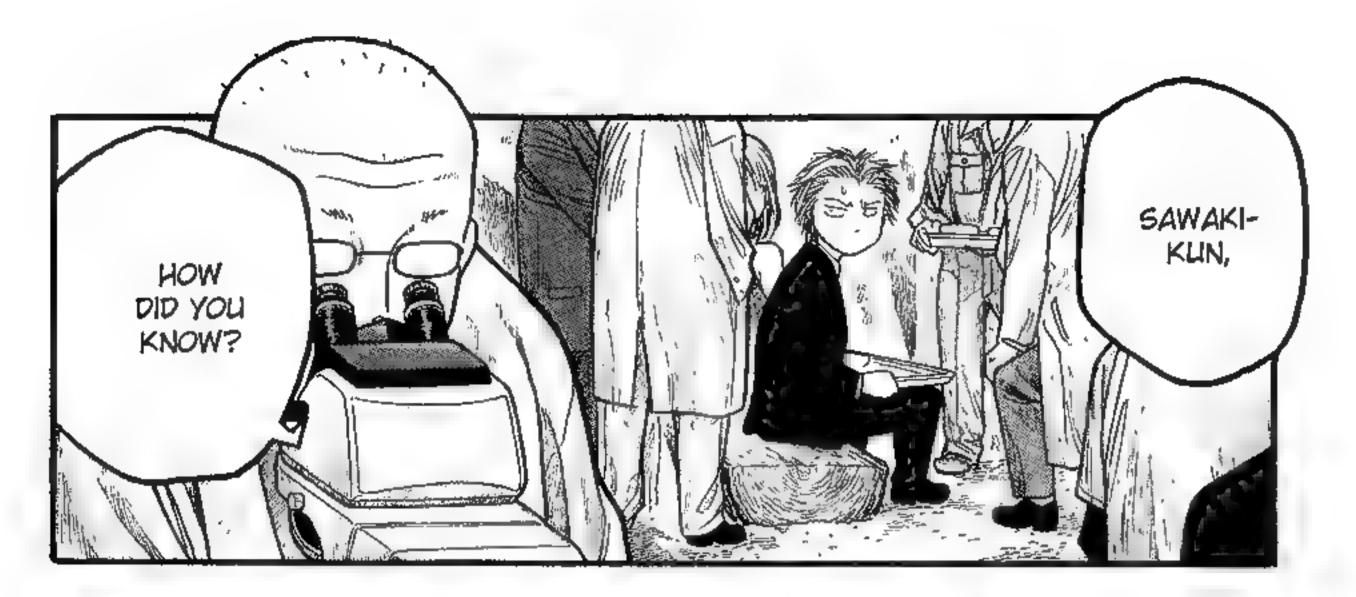
















(Enterohemorrhagic
E. coli)
Even in
the author's
hometown of
Sakai, there
was a big
uproar a few
years ago
because of
these guys



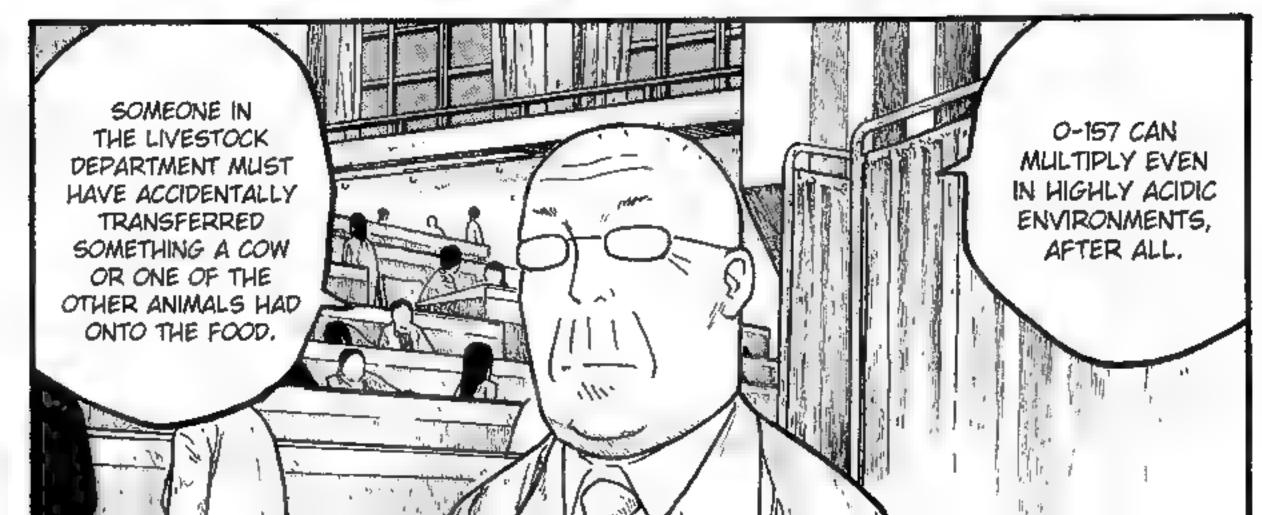
















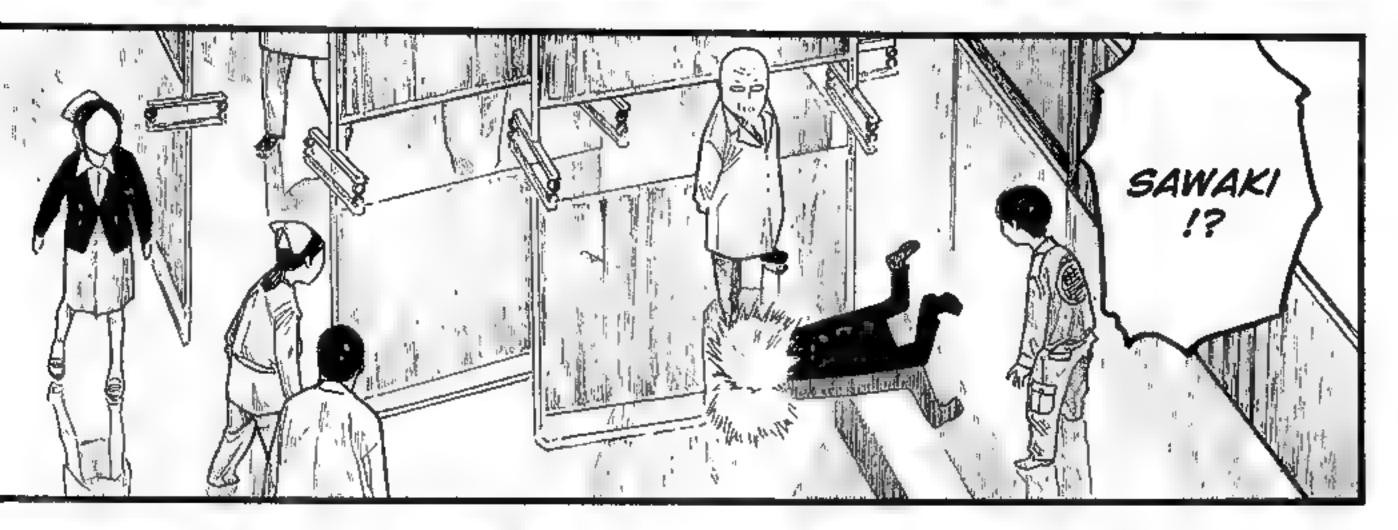




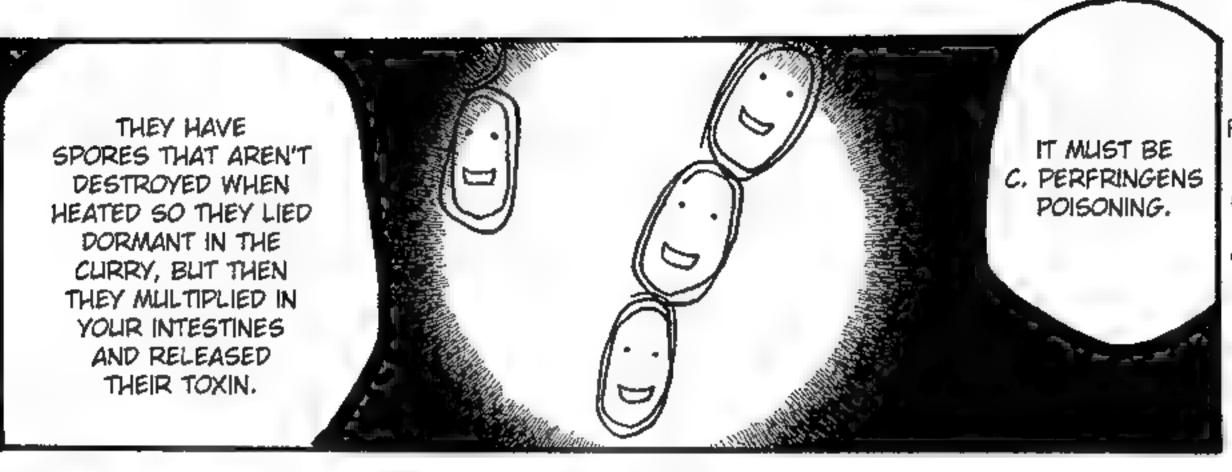


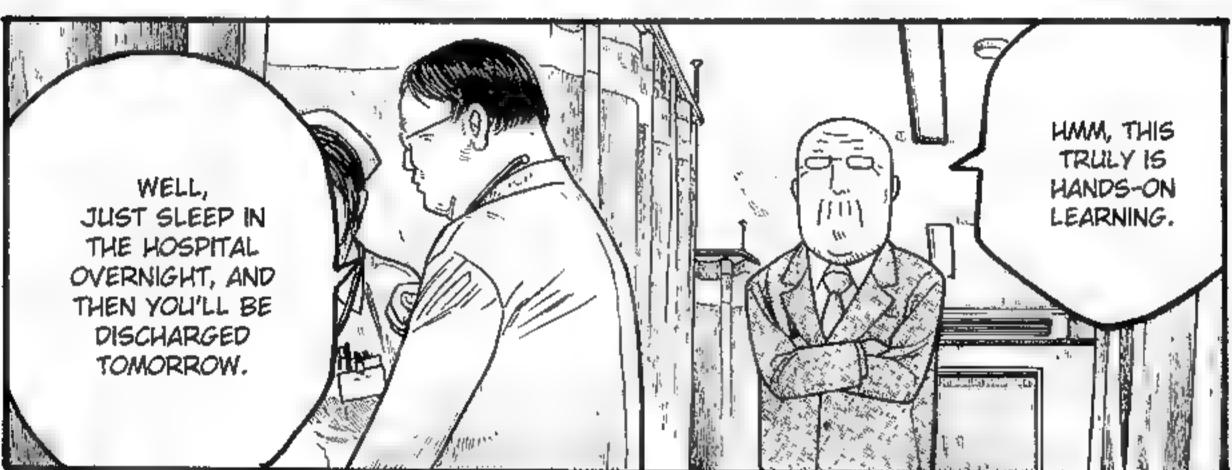


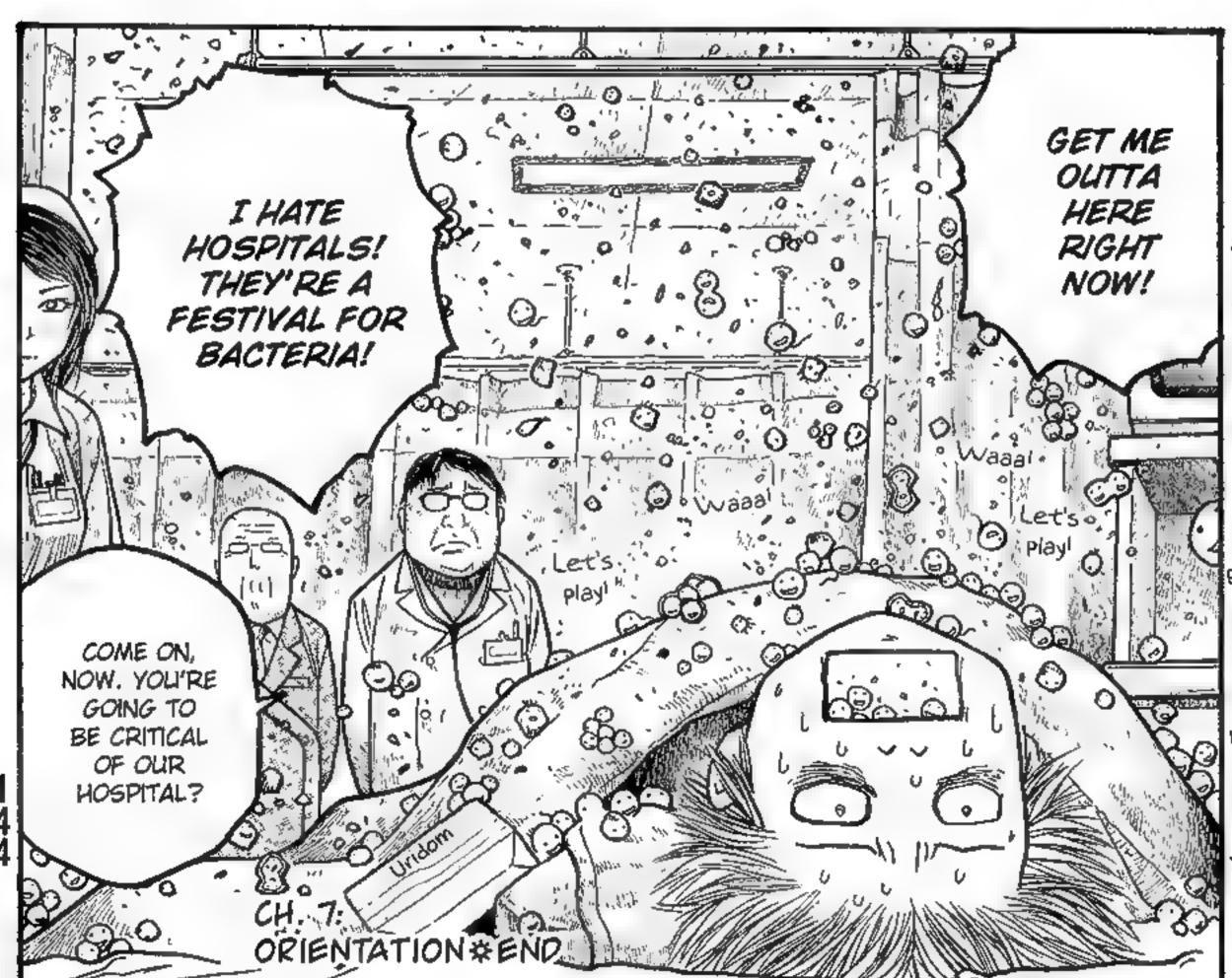












perfringens This is bacteria found in soil There are quite a lot of people who carry this bacter a in them However, only a small fraction of these guys cause food poisoning.



epidermidis This is Staphylo-COCCUS that lives on YOUR SKIM.



MRSA Methic Ilinresistant S. aureus.



aeruginosa Aiso known as green pus bacteria.



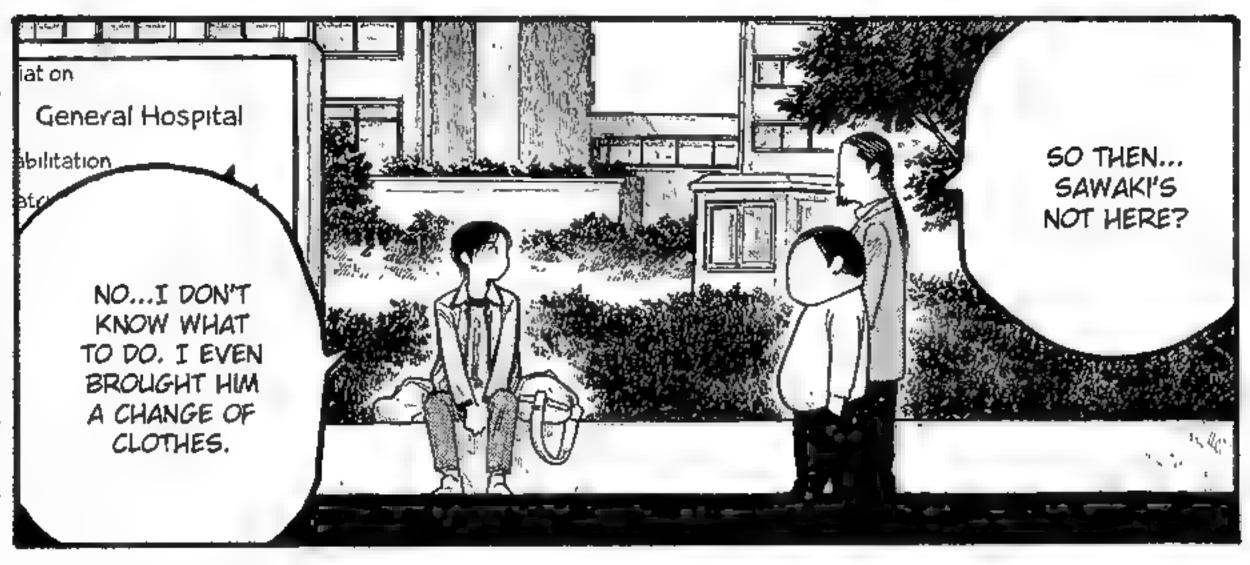
Vancomycin-

resistant Enterococcus

@ Although these are famous for causing infections in hospitals, they live in water, soil and even in peoples" noses, so if you're healthy, there is very little chance of you getting infected by these







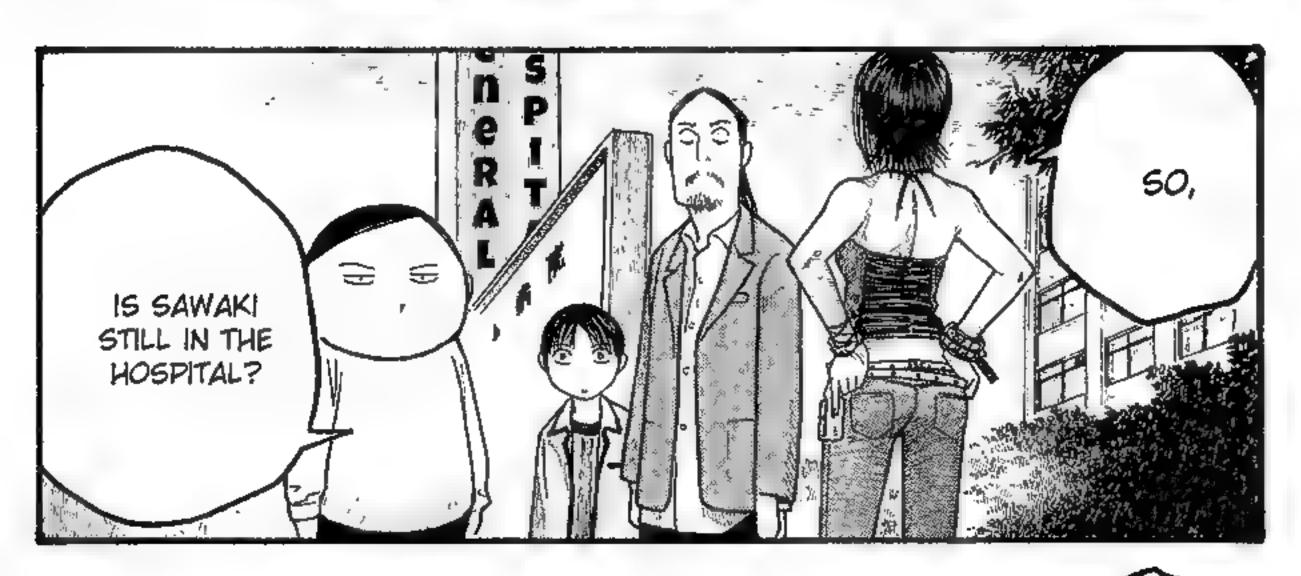
















JUST TAKE THOSE OFF ALREADY!



TALES OF AGRICULTURE



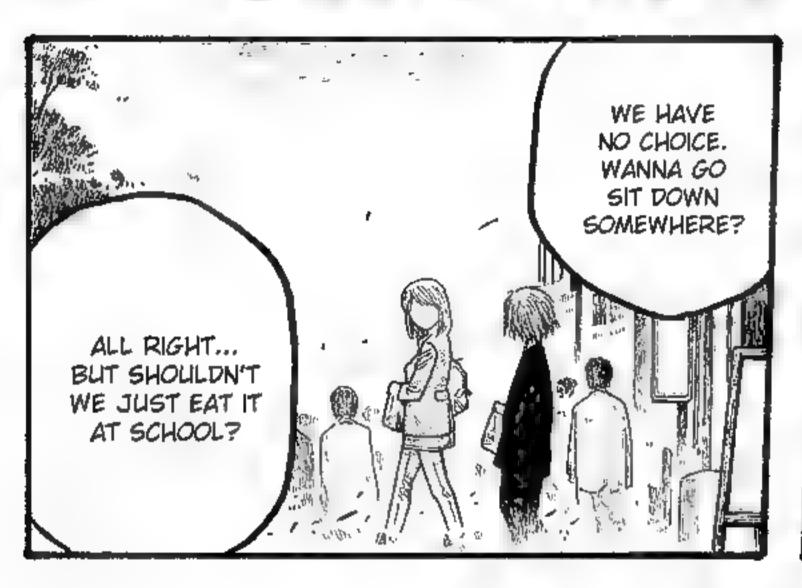
I-I CAN'T STOP THINKING ABOUT THOSE GERMS AFTER GETTING FOOD POISONING, SO I DON'T WANT TO BE ANYWHERE WITH A TON OF MICROBES LIKE A HOSPITAL!

CH. 8: ANTIBACTERIAL

EVEN THOUGH I JUST CAME TO SEE YOU ON MY WAY TO SCHOOL, WHY DID YOU COME OUT WITH ME?















Tadayasu
Sawaki
He's the main
character
For some
reason,
he can see
microbes.
He was
hospitalized
in the fast
chapter
for food
poisoning.





A. oryzae
It's also
known as
yellow mold.
It often
attaches itself
to Sawaki
It talks a lot!?





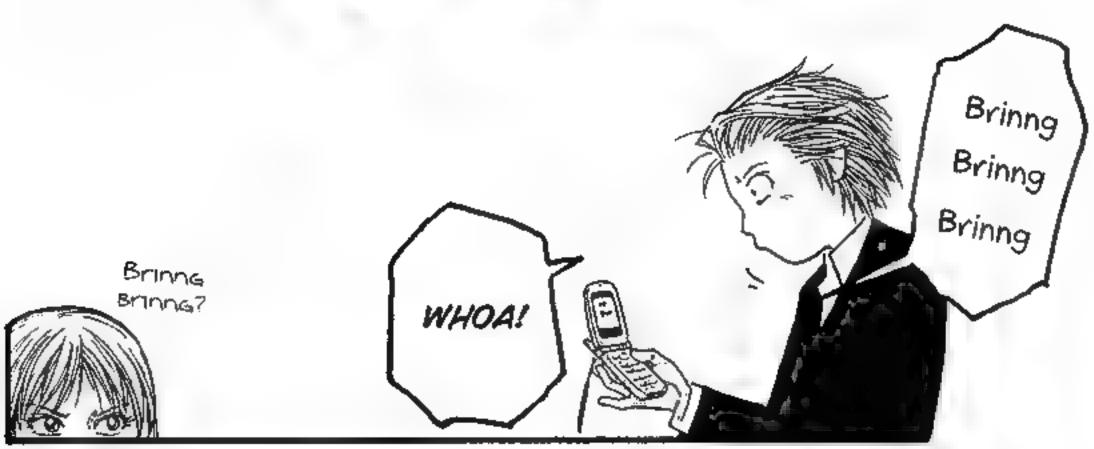


Kei Yuuki
He's been
Sawaki's
friend since
they were
k ds and his
parents run a
sake brewery
I'm sure he li
play a big part
next chapter









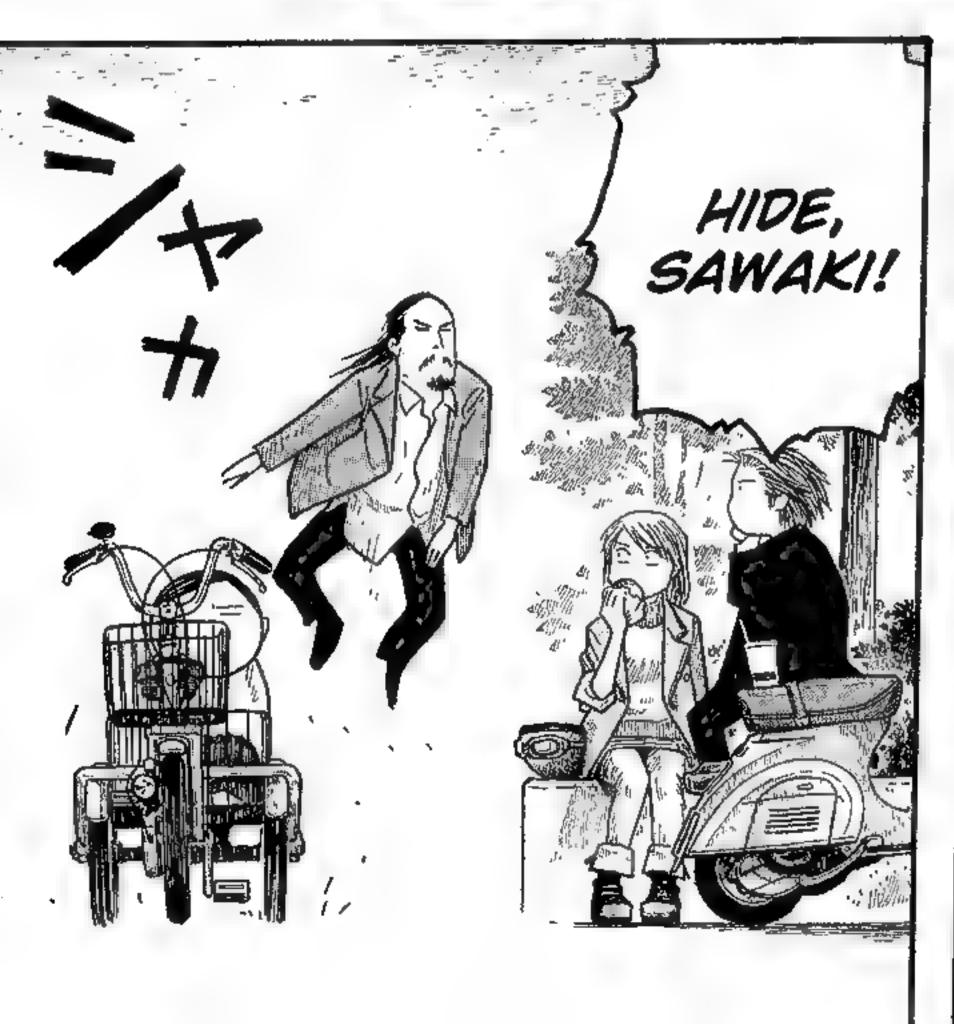




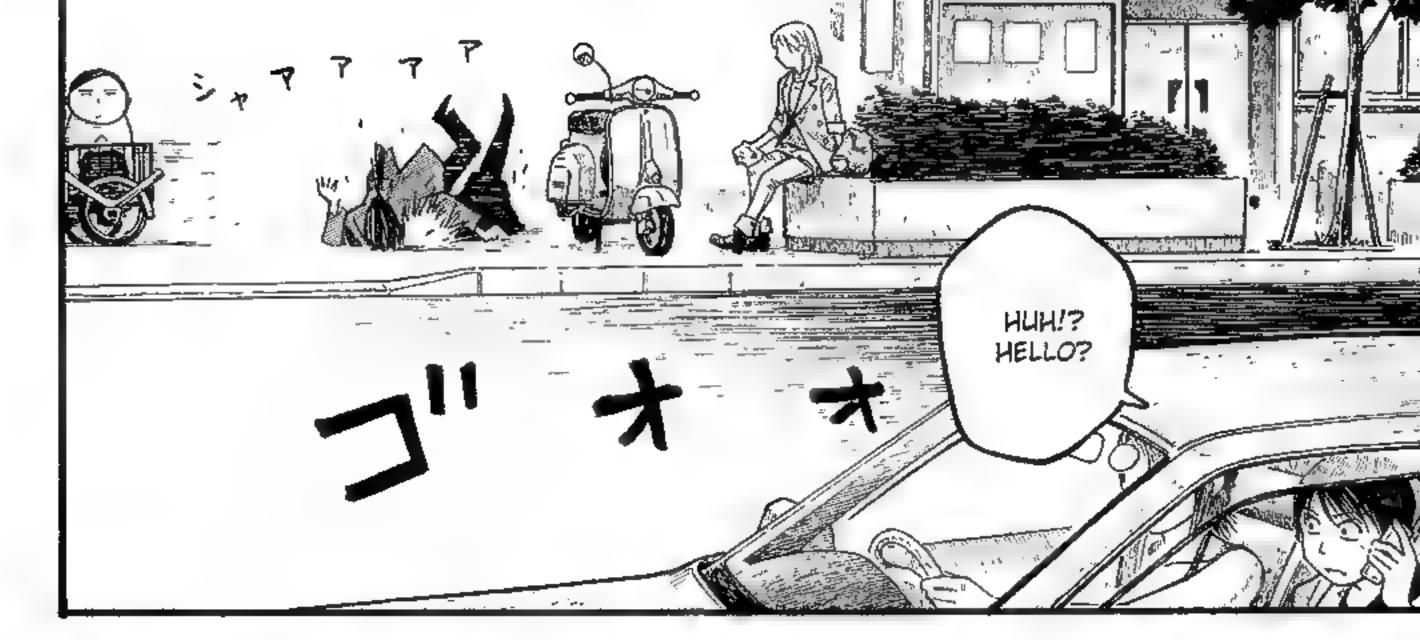




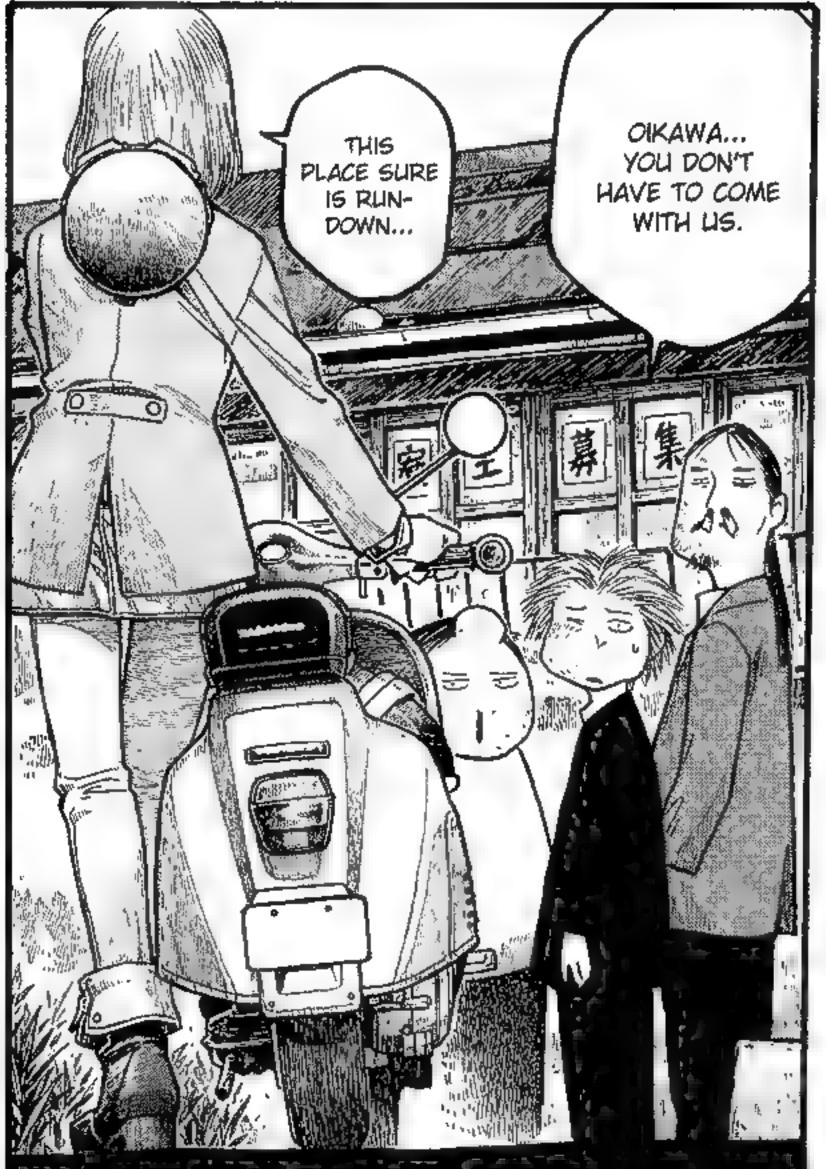














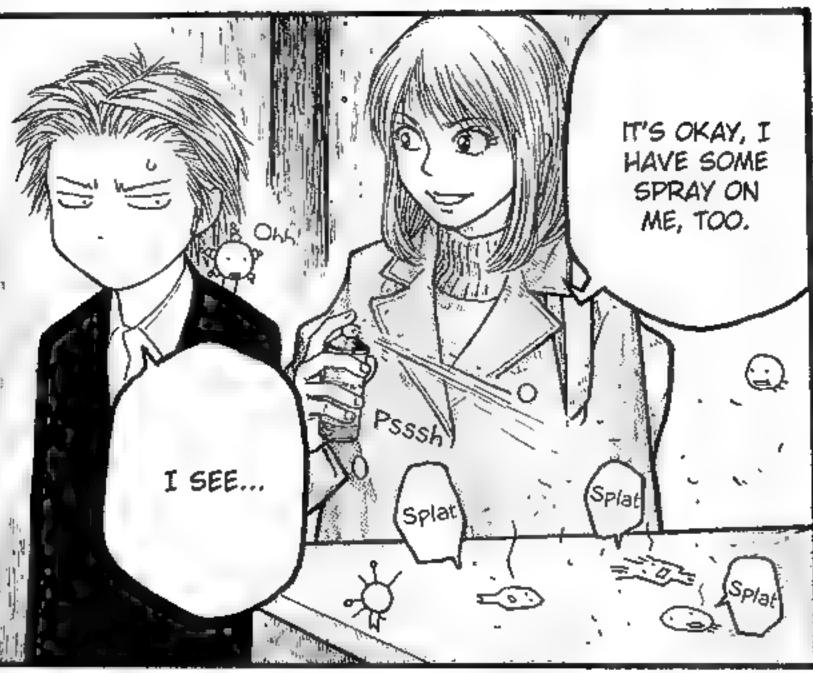


Hazuki
Oikawa
Like Sawaki
and Yuuki,
she's a
first-year
at the
agricultural
university,
She doesn't
know about
Sawak 's
ab lity

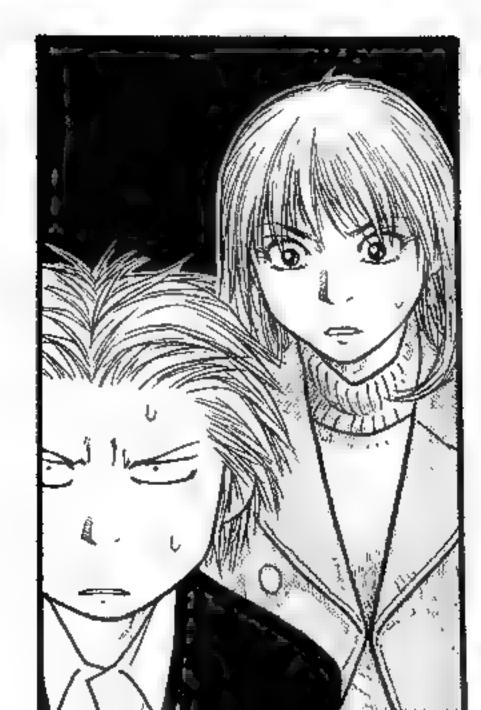


Kaoru
Misato
He's a
second-year
He fa led at
homebrewing
sake and
now he has
a large debt
He re' es on
Sawak 's
ab lity



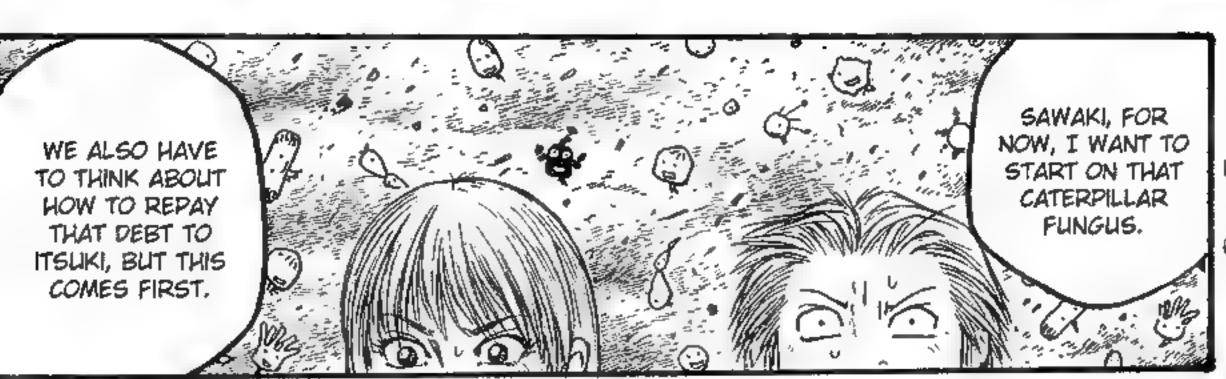




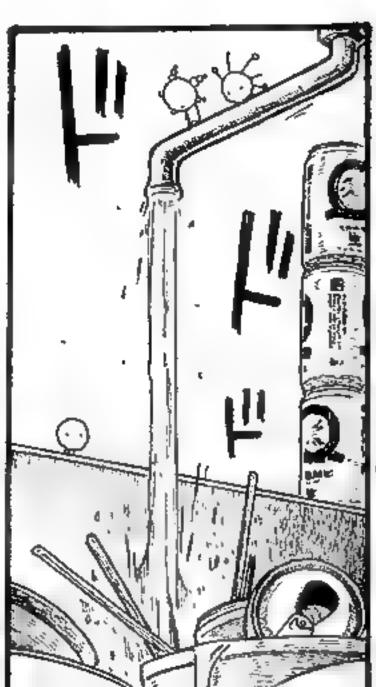












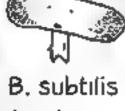
fluorescens
This is a
fluorescent
bacteria. It s
related to
P aeruginosa
and makes
milk glow
green. It's
part of the
Pseudomonas
genus.



P. vulgaris
It likes
protein.
It has a
weakness for
fish-paste
products like
cnikuwa and
kamaboko



produces
butyric acid.
It likes
pickled
foods and s
partial to
Japanese
cuisine.



B, subtilis
Aiso known
as hay
bacteria, it
likes starchy
foods and
fish.



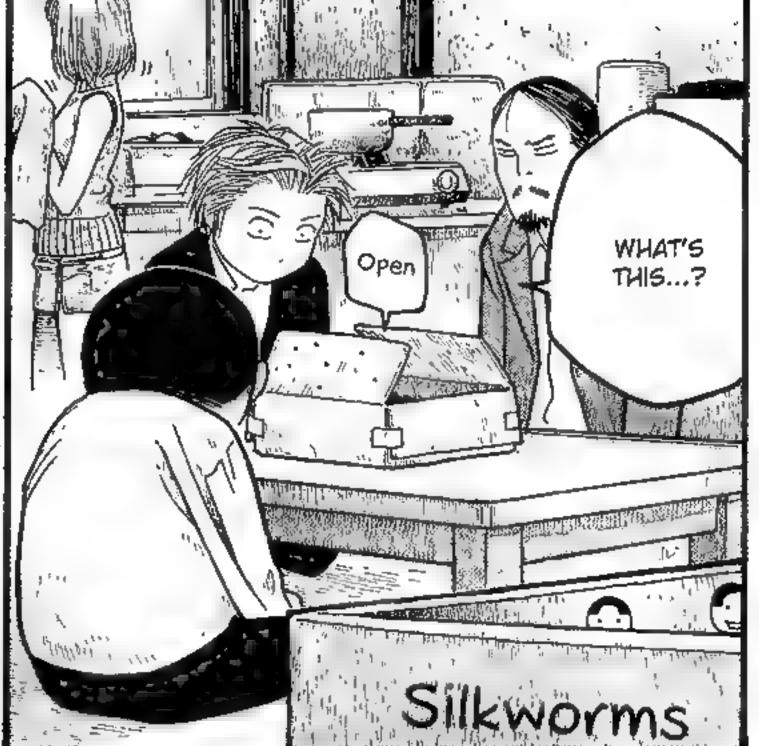
carotovora
Also known
as soft rot
bacteria, it's
a vegetarian
and also
likes fruit

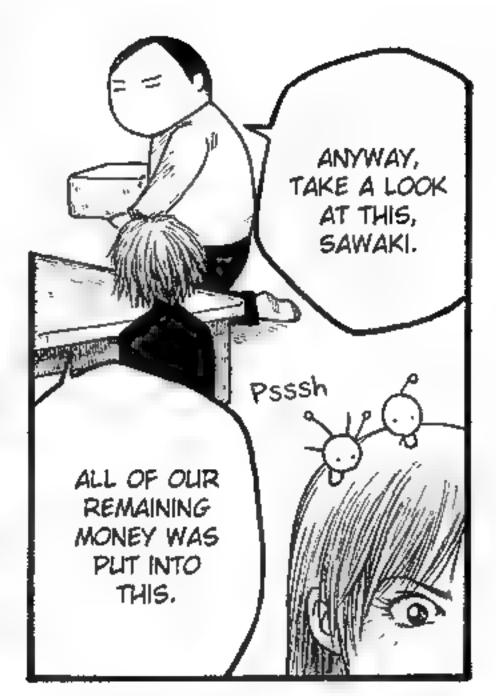


C. sinensis

It's also
known as
caterpillar
fungus.
When it
attaches itself
to an insect,
it turns it
into an herb
The Ma Army
made it
famous.

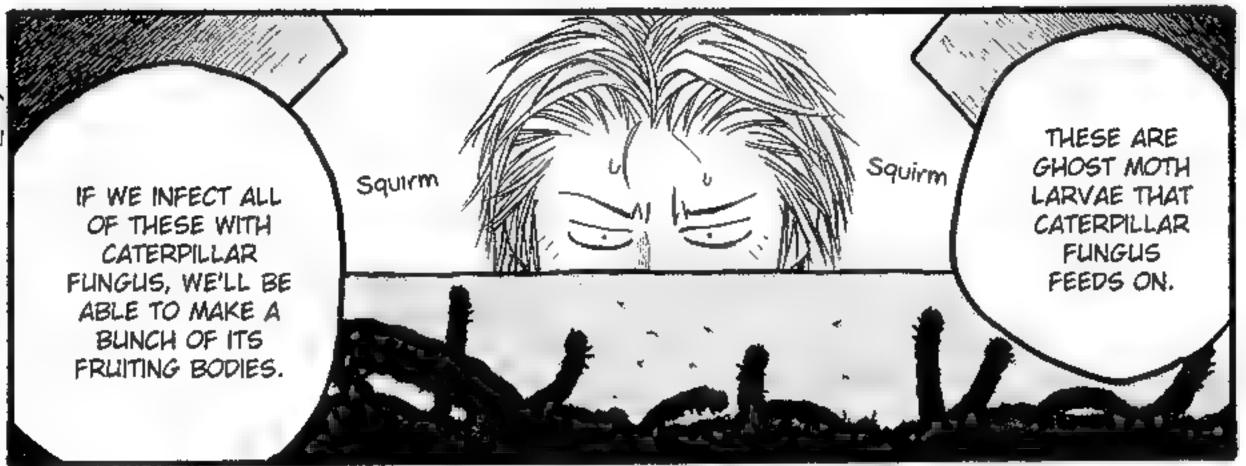
The note: The Ma Army were the pupils of the Chinese track coach Ma Junren.







Takuma
Kawahama
He's a
second-year
He's in debt
along with
Misato
In this
chapter, he
showcases
his trivial
knowledge.



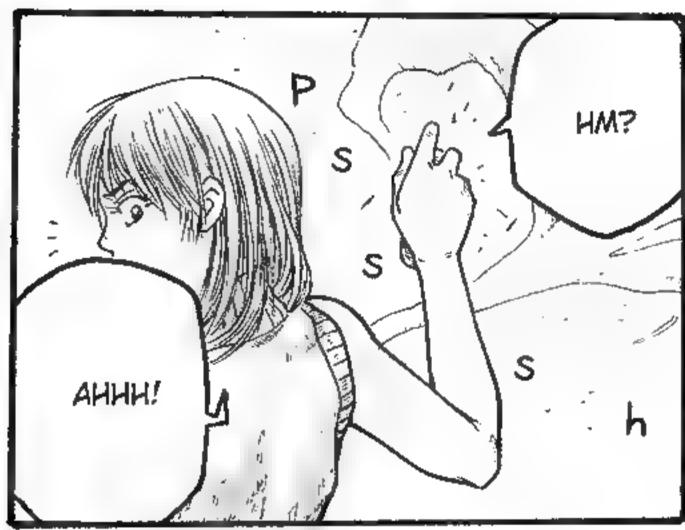




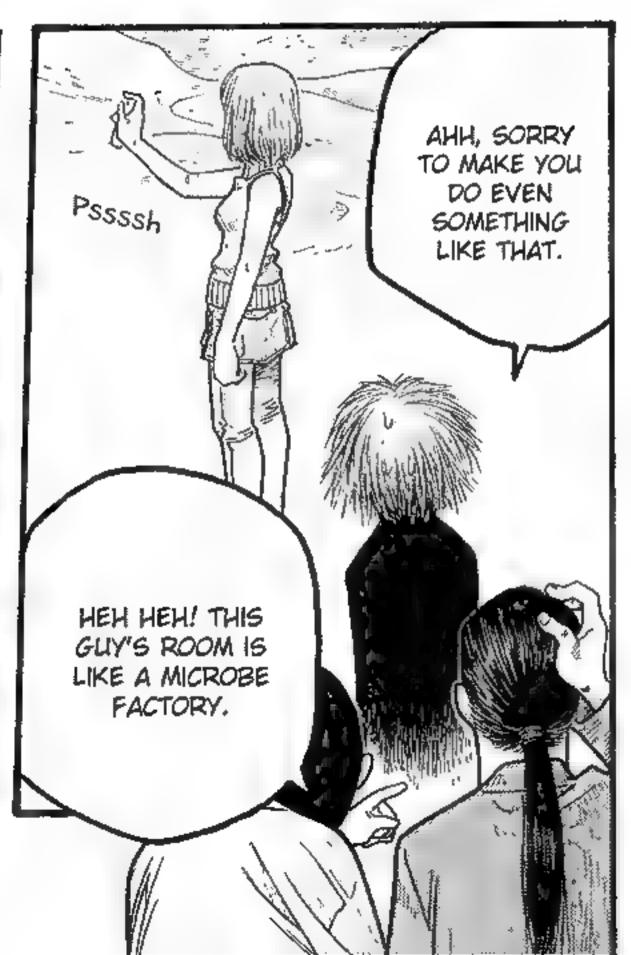














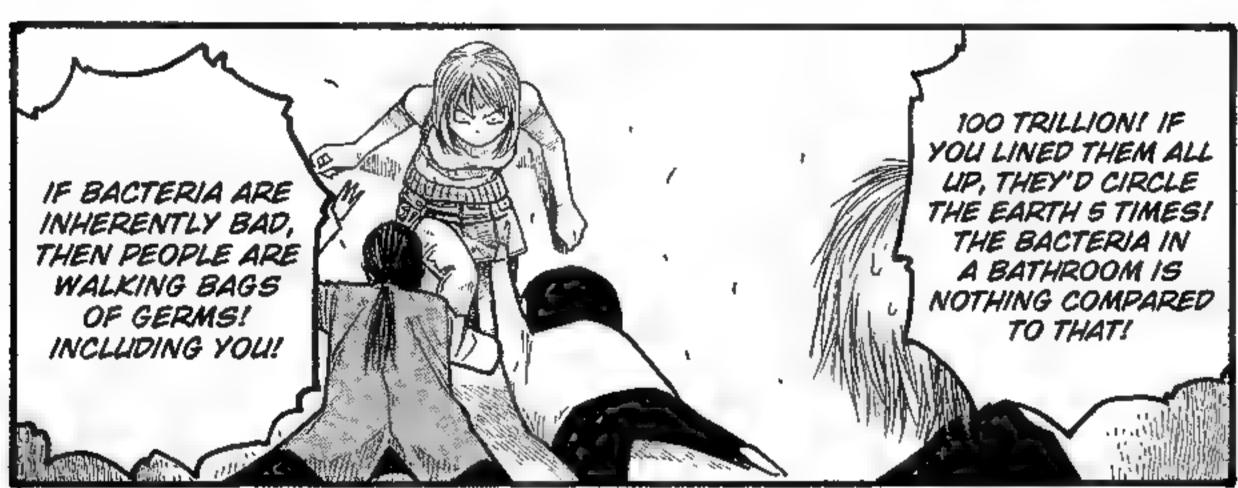


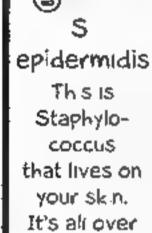












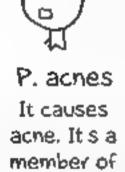
your body

Don't let it

bother you





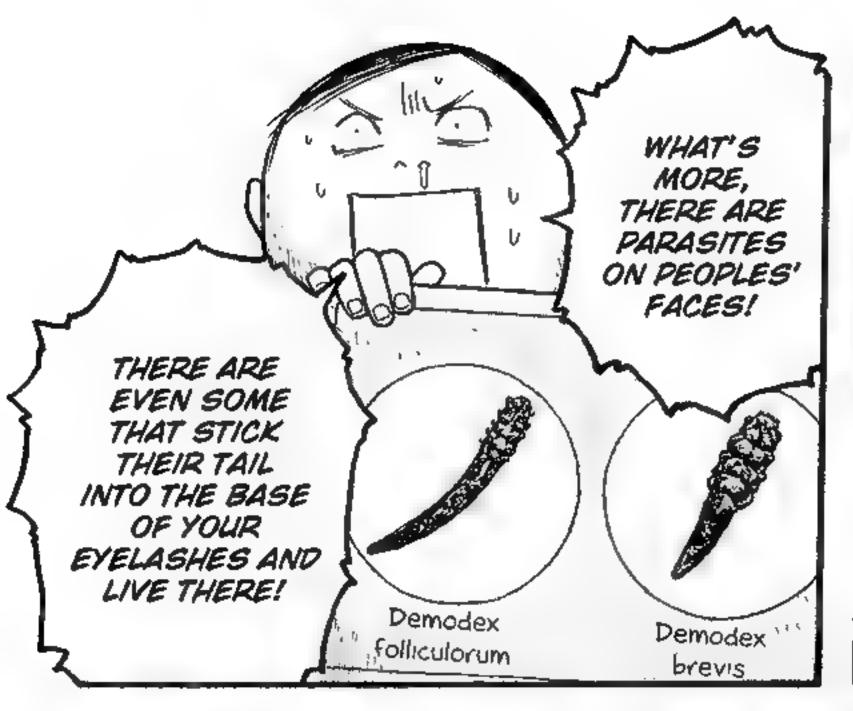


bacterium

genus.

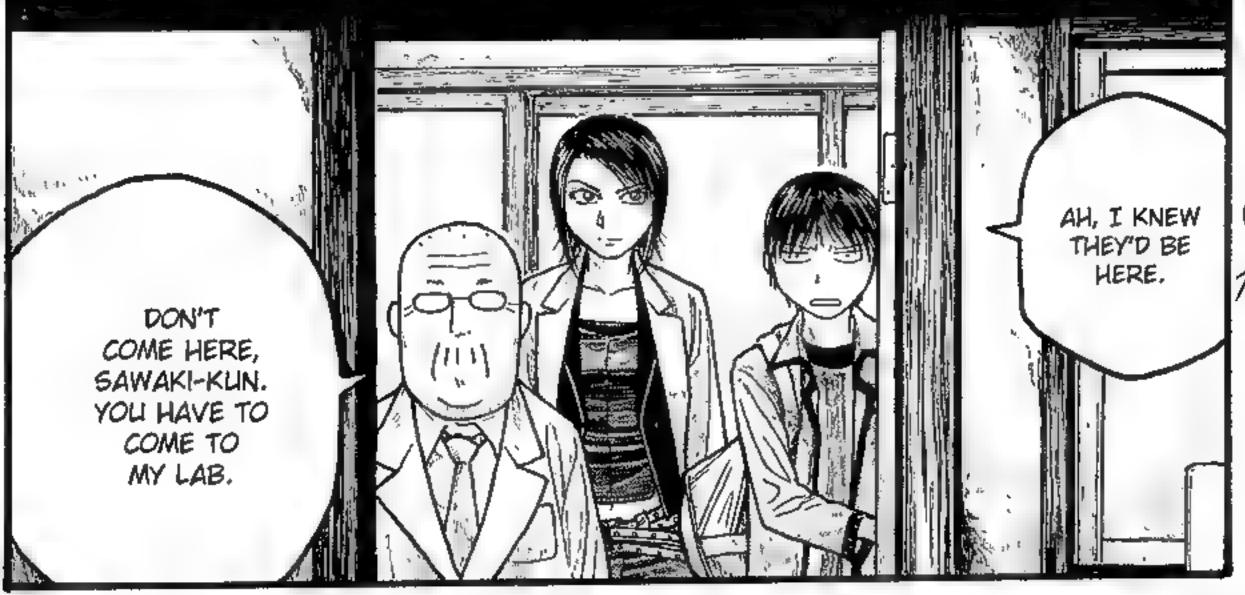


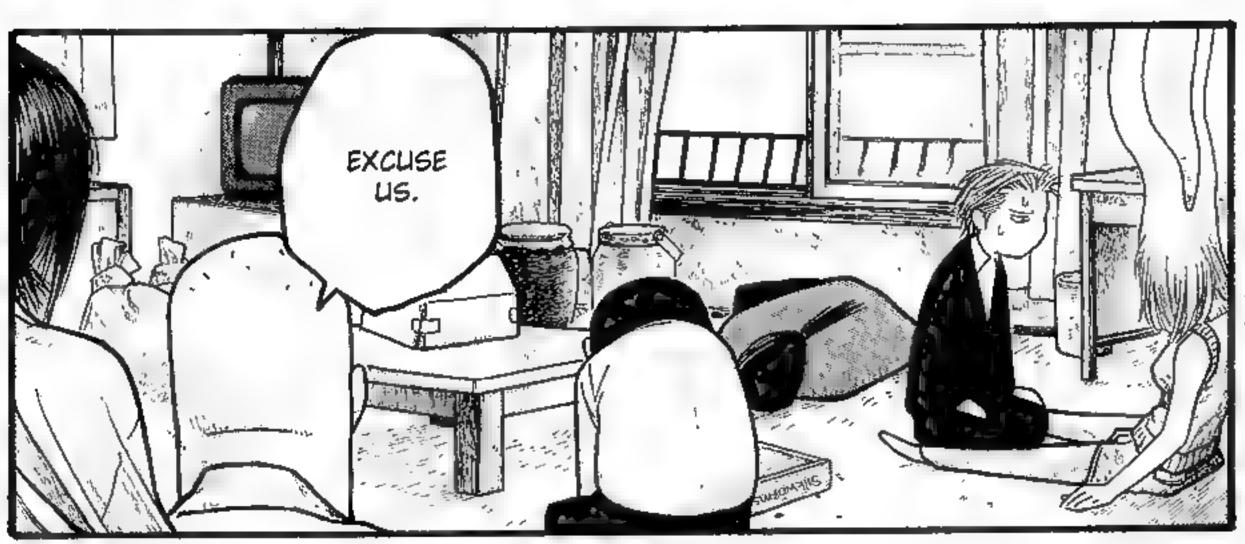
M. furfur It's one of the causes of dandruff It also likes the fat on the tip of your nose.





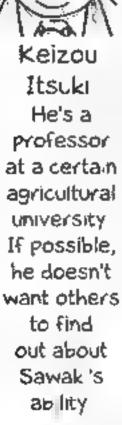






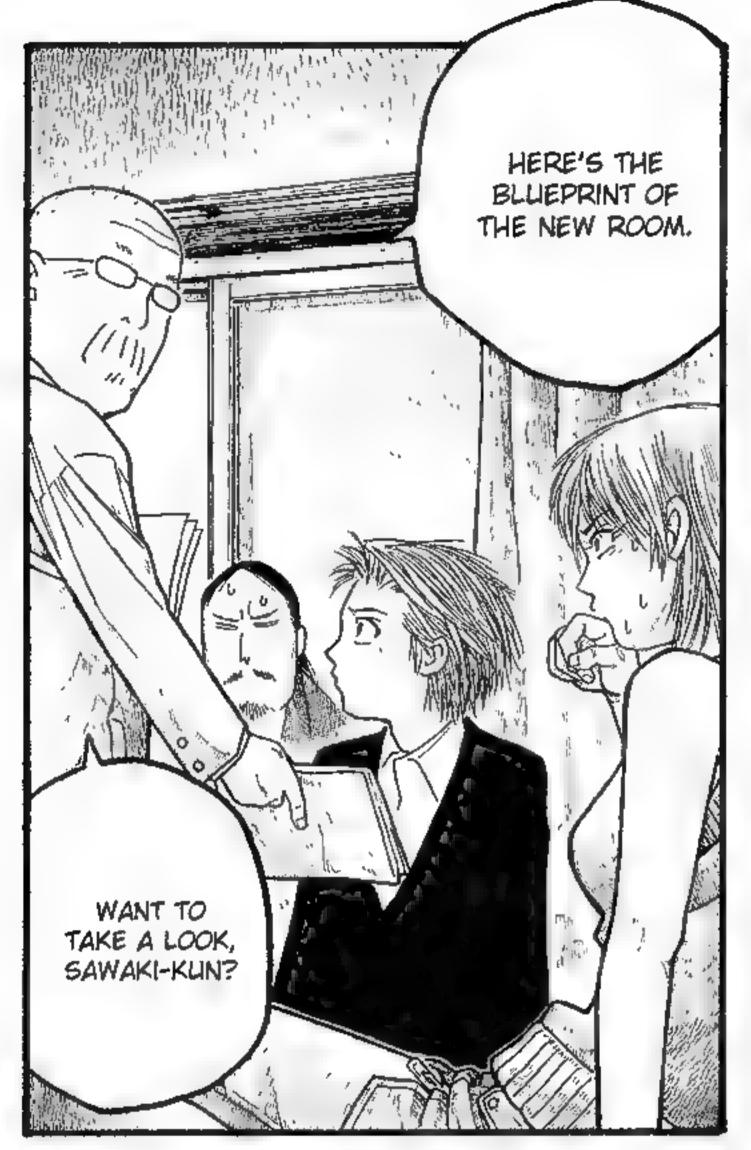


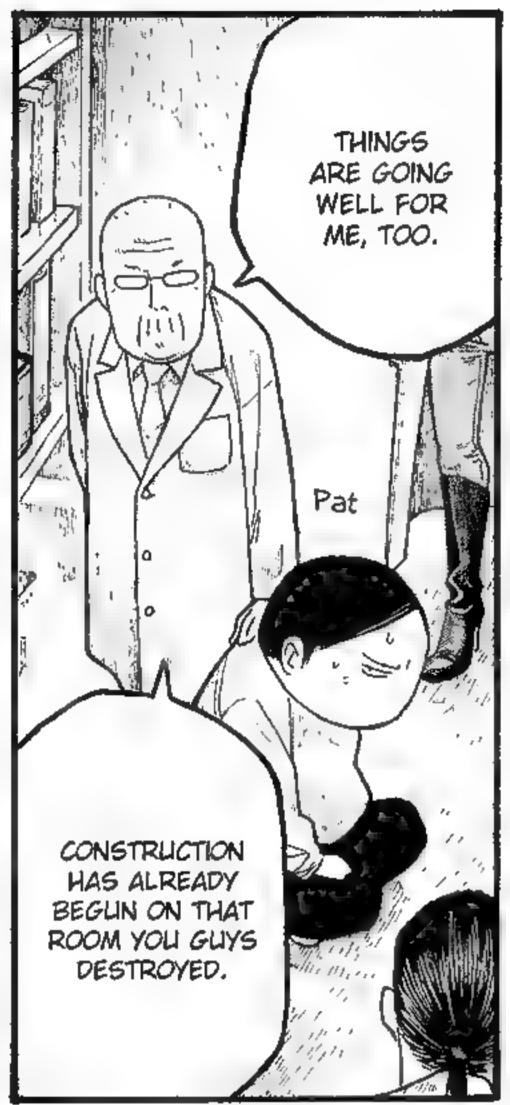




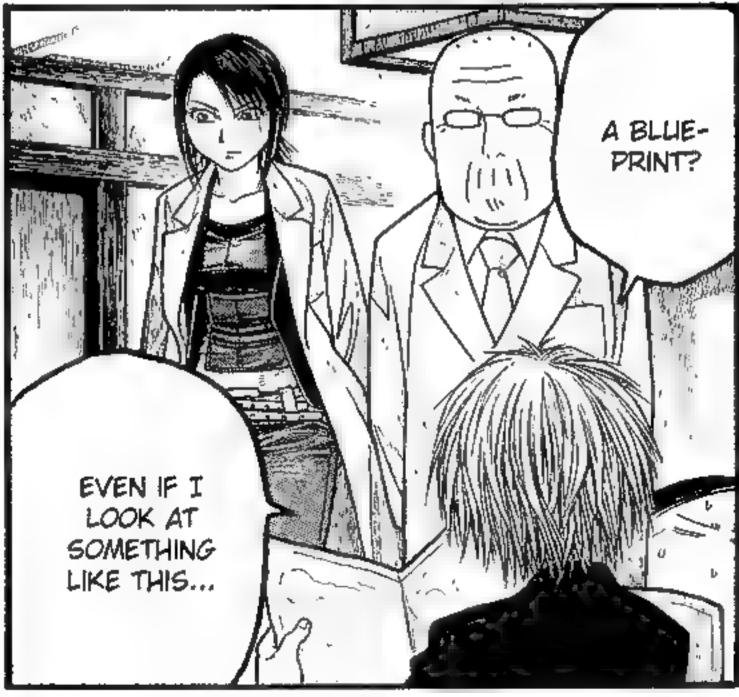


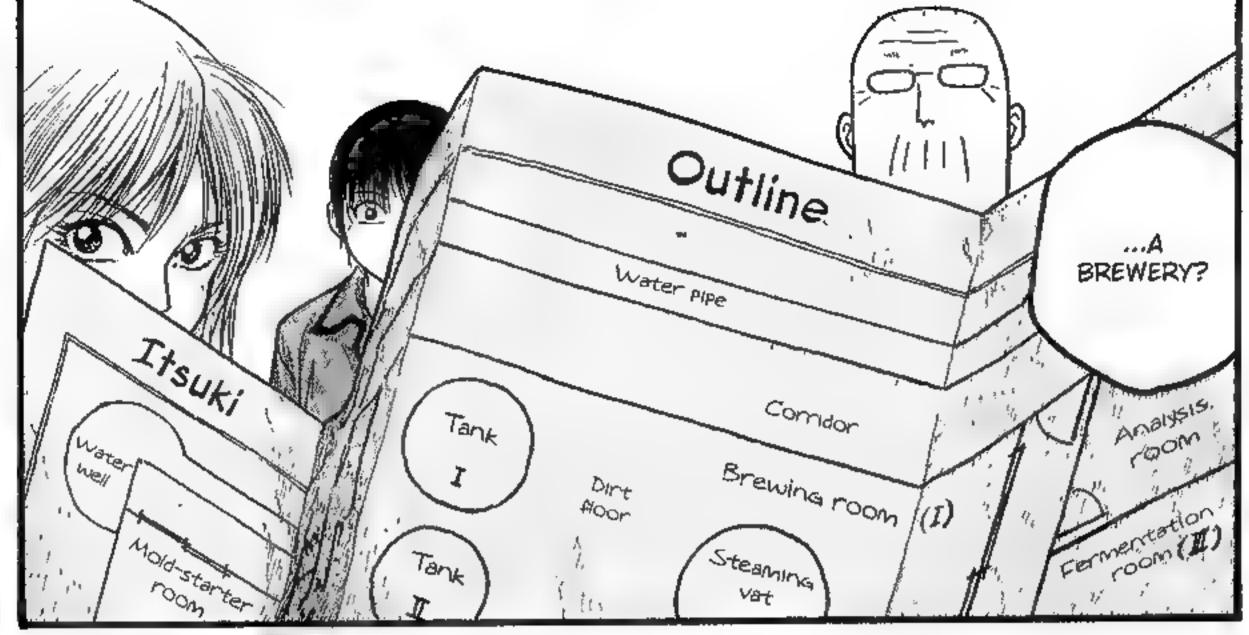
people.









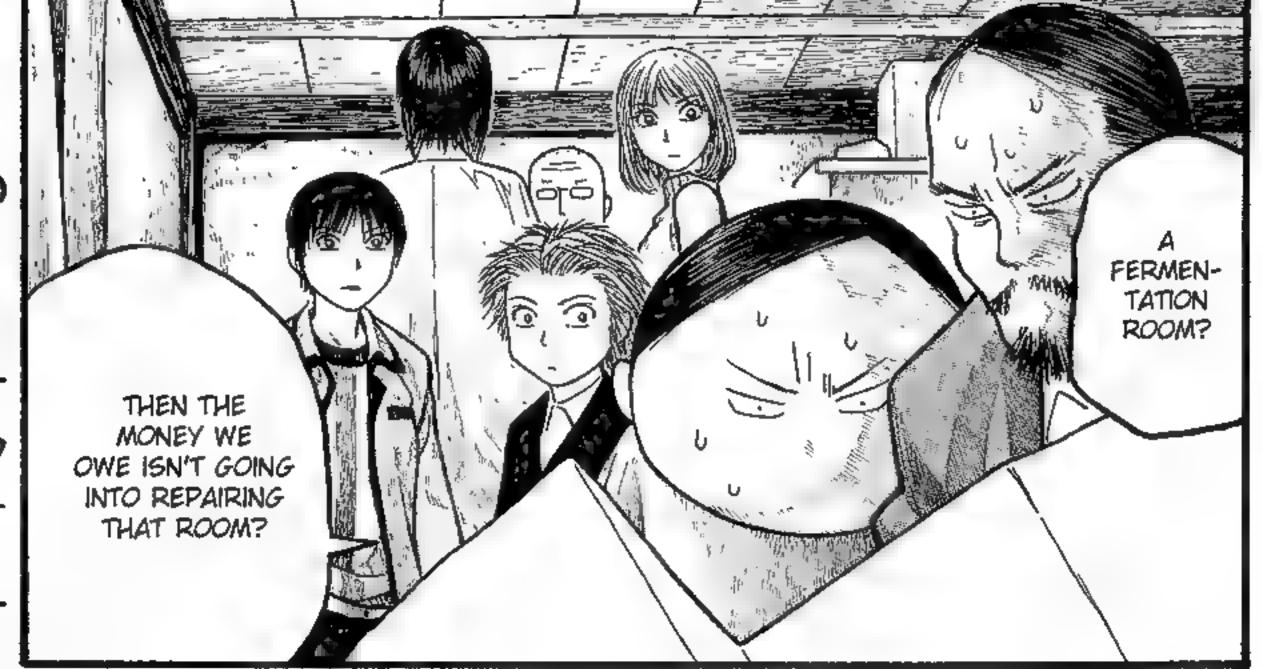






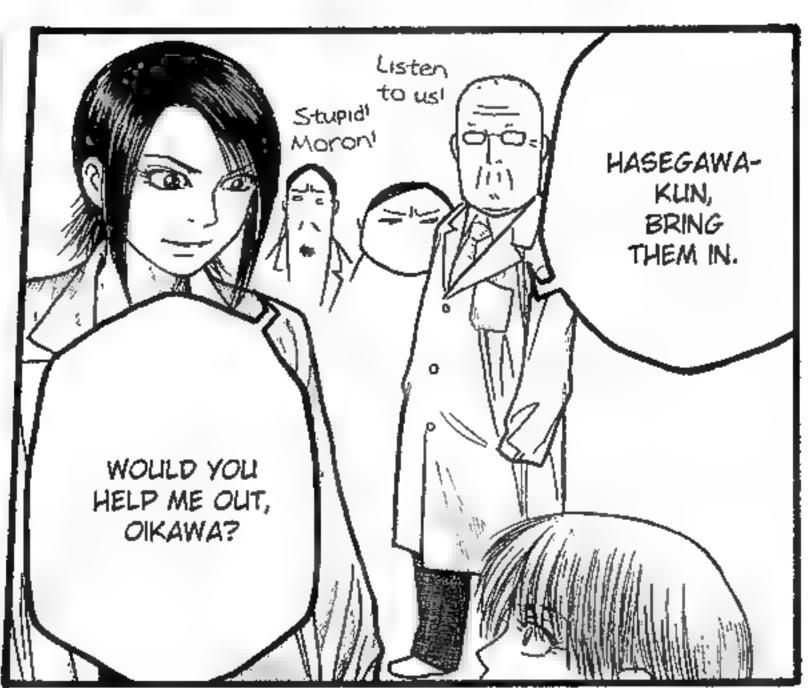


One part of chapter 9 is explosively popular (Poes that sound meird?)









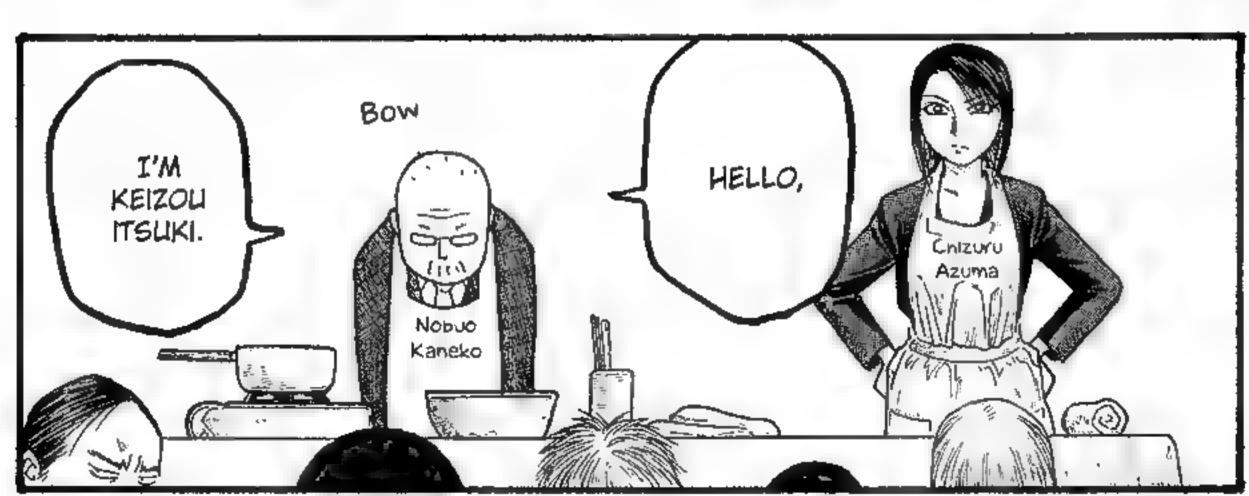
6



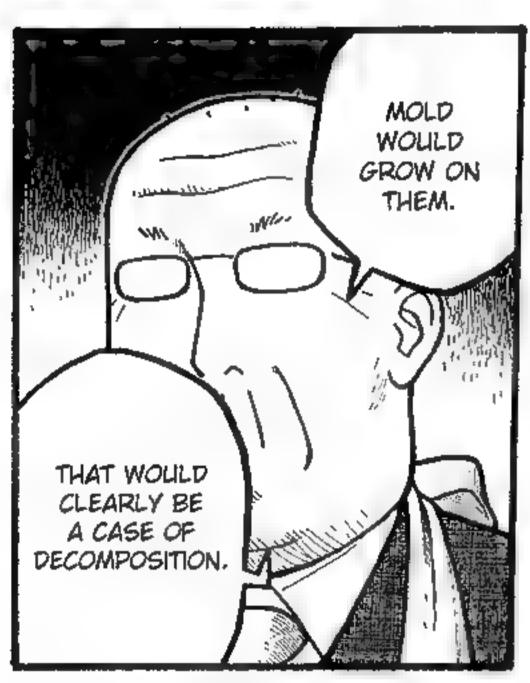


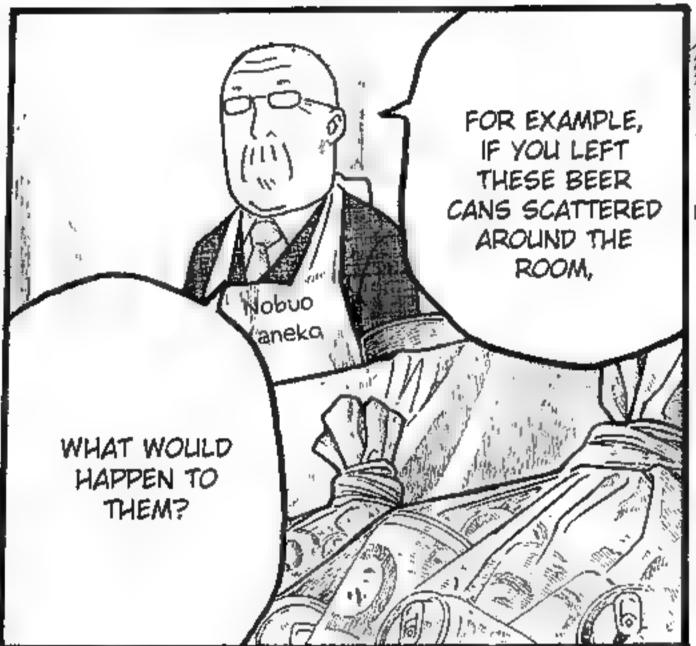






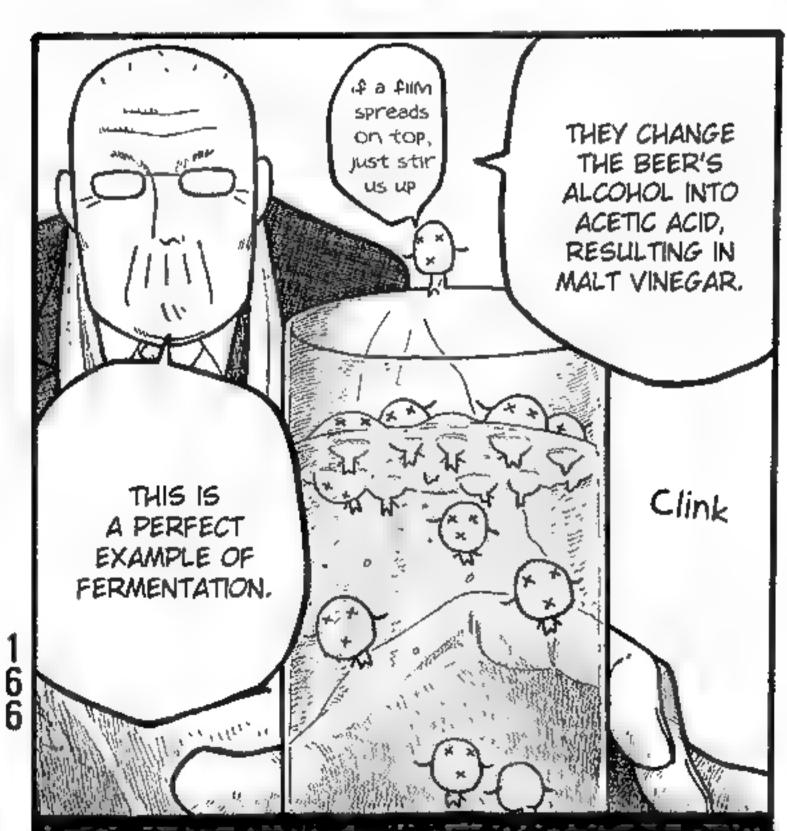


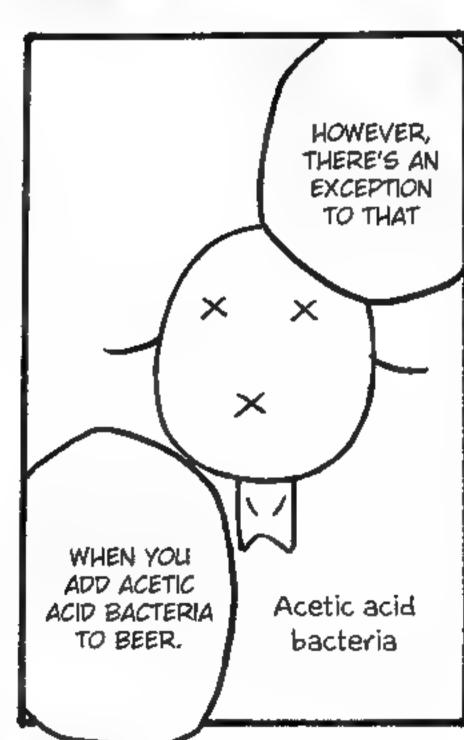


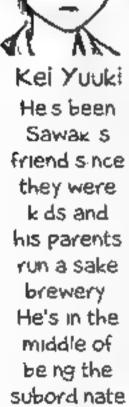




Tadayasu
Sawaki
He's the man
character
For some
reason,
he can see
microbes
He was just
restless
last time





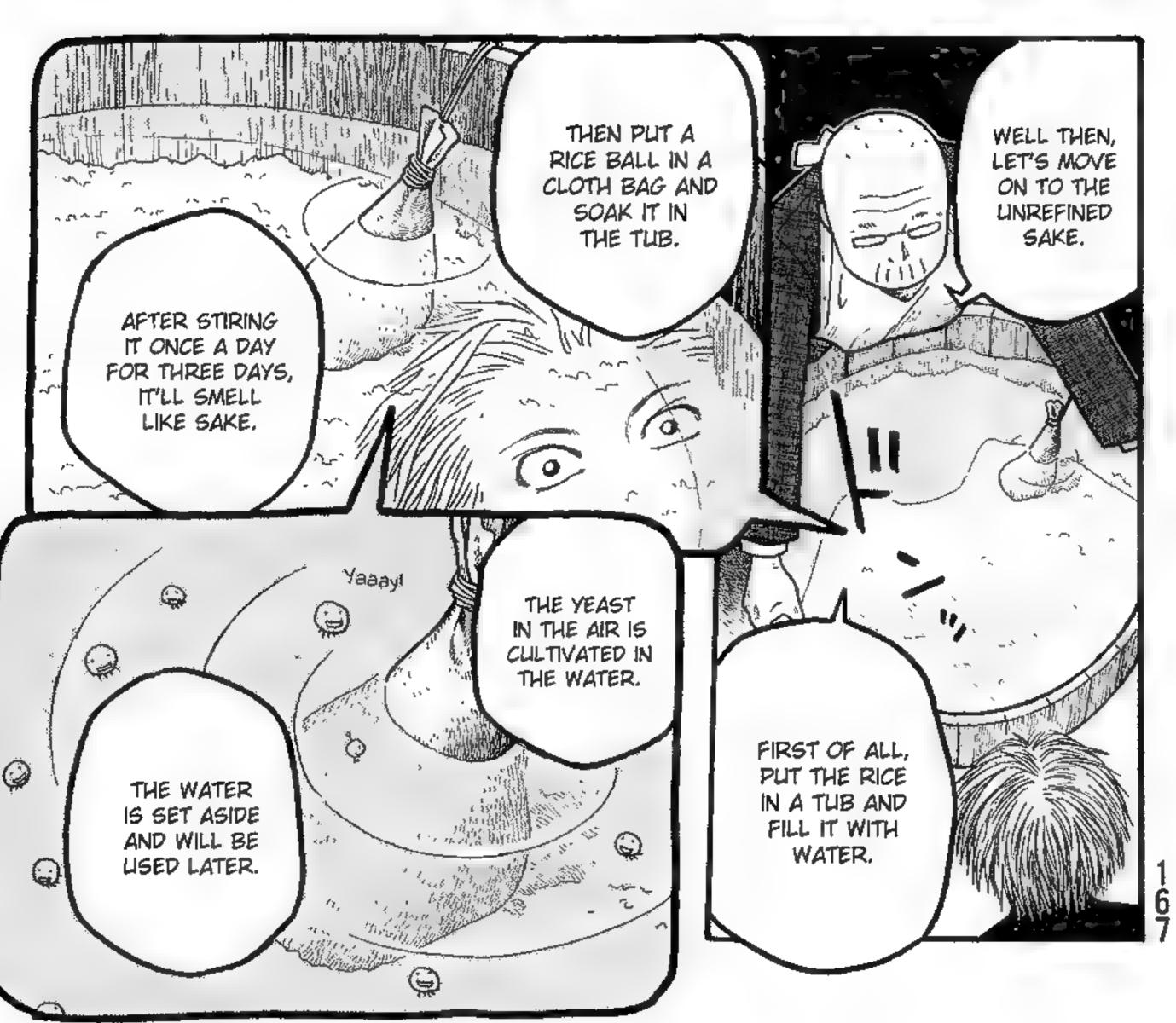


to graduate

student

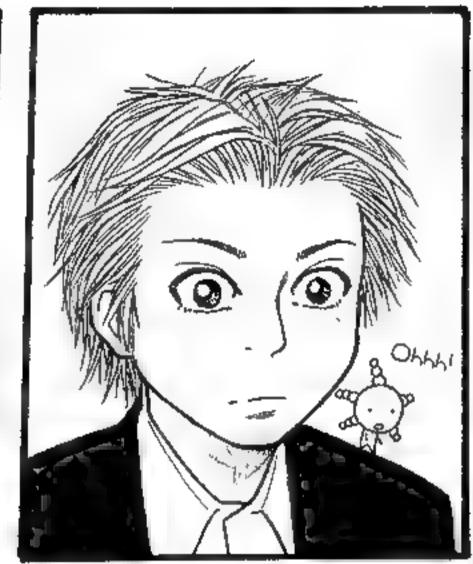
Hasegawa.

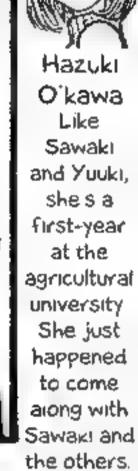


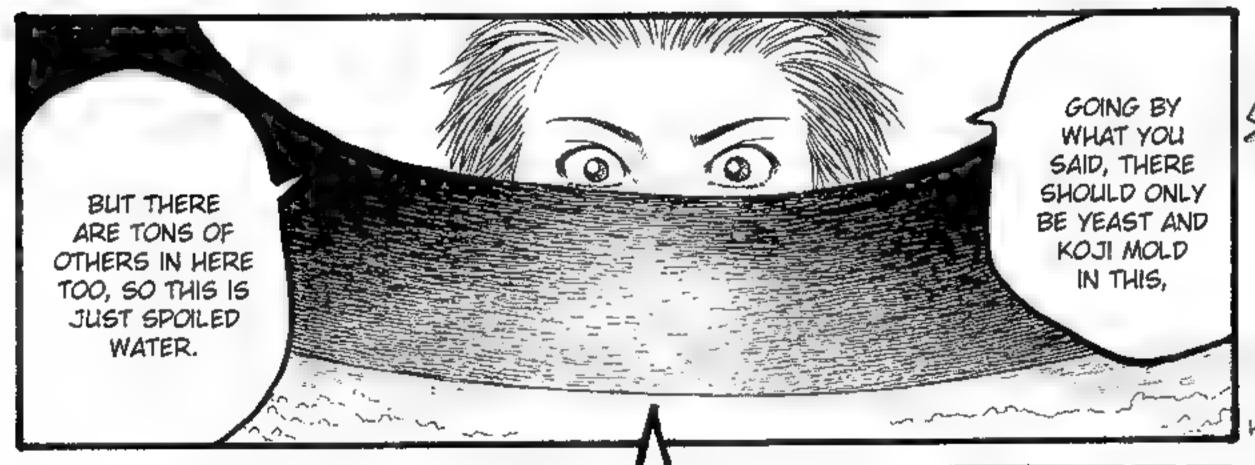














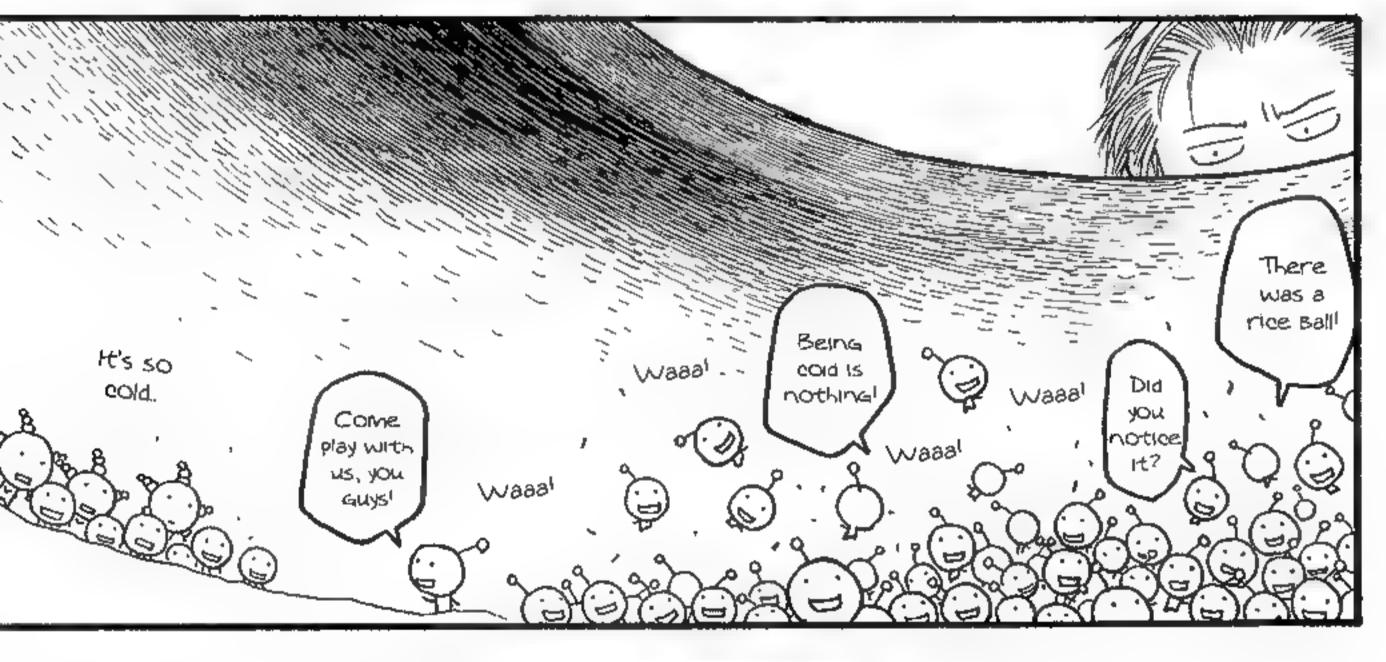
Misato
He's a
secondyear
He falled
at homebrewing
sake and
now he
has a large
debt. But

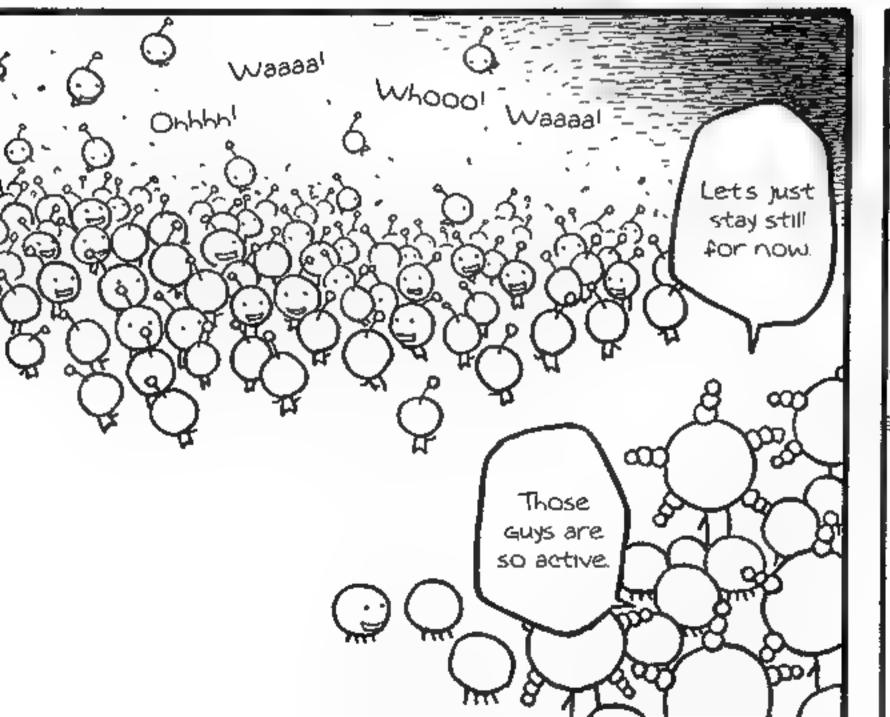
you'll be amazed!

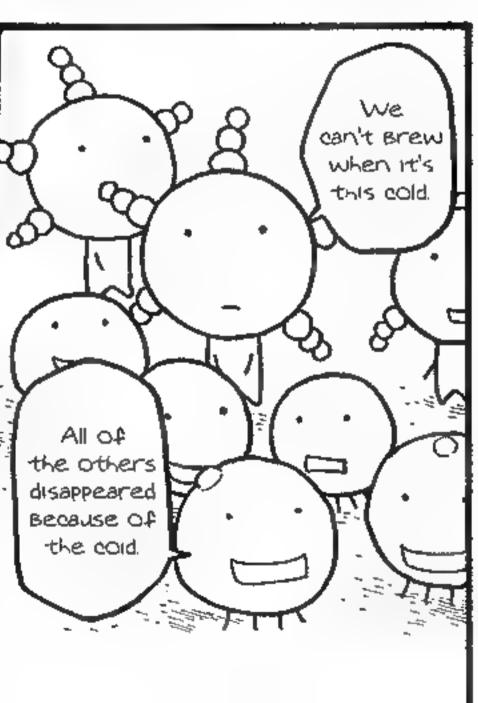
Kaoru

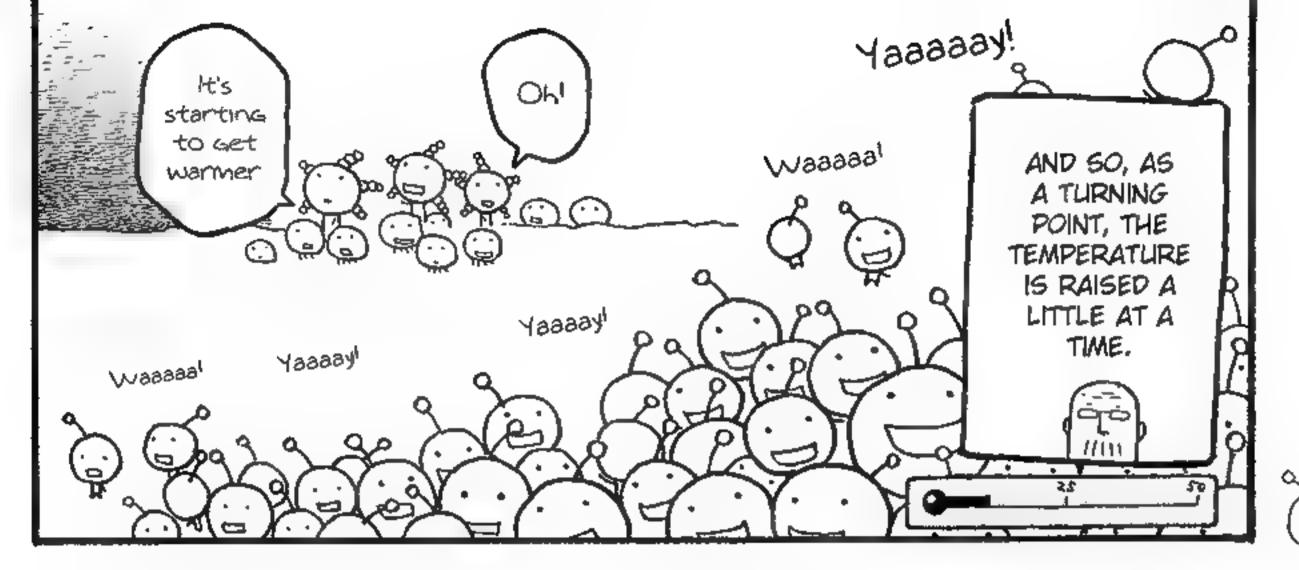
68

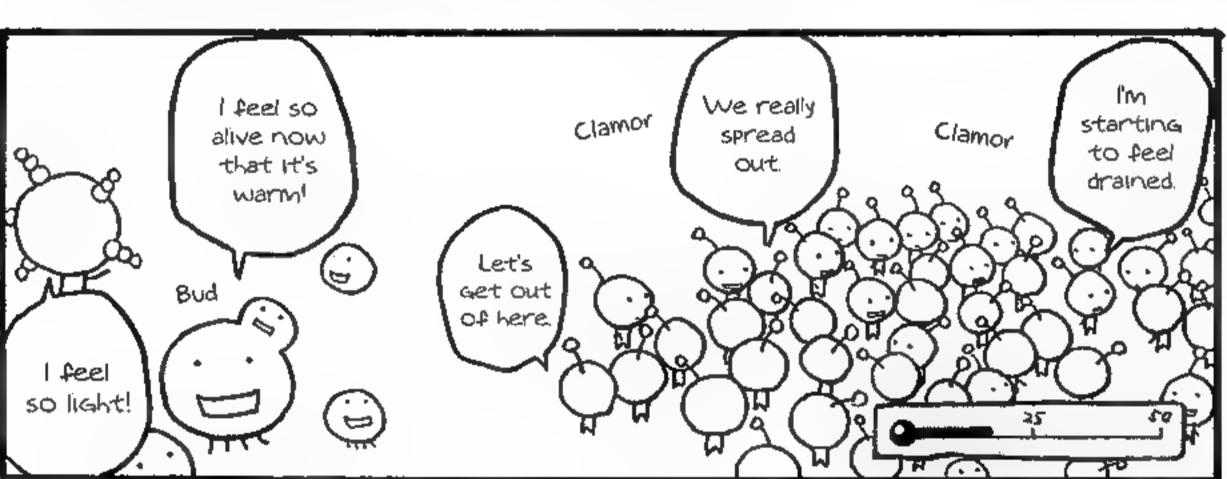








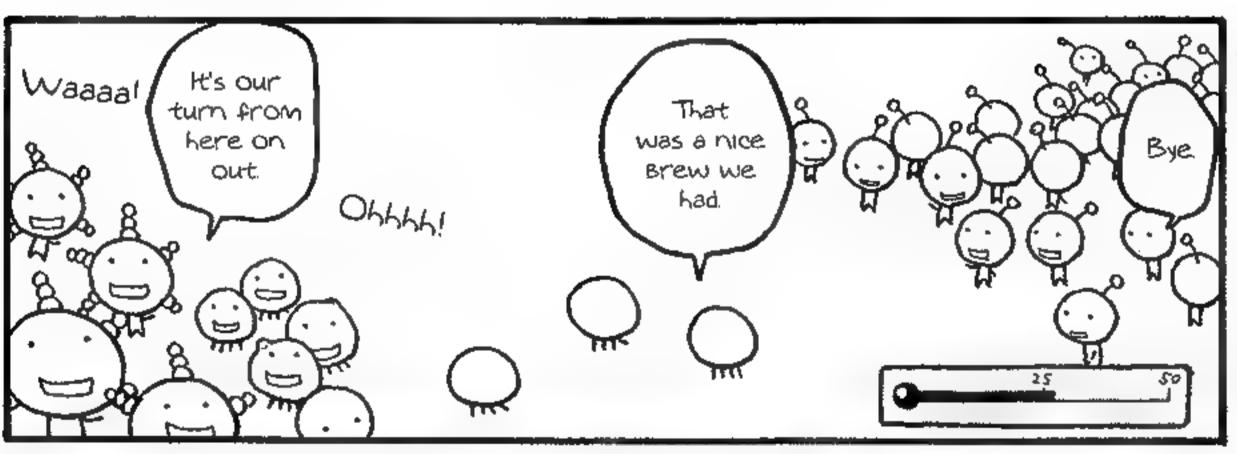




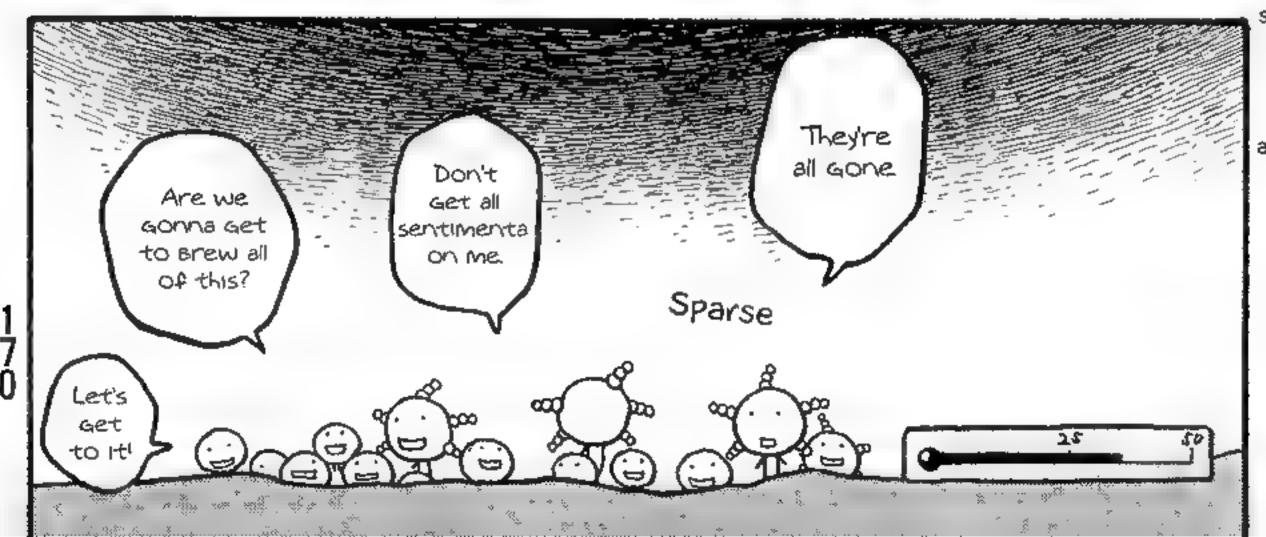
L. lact's

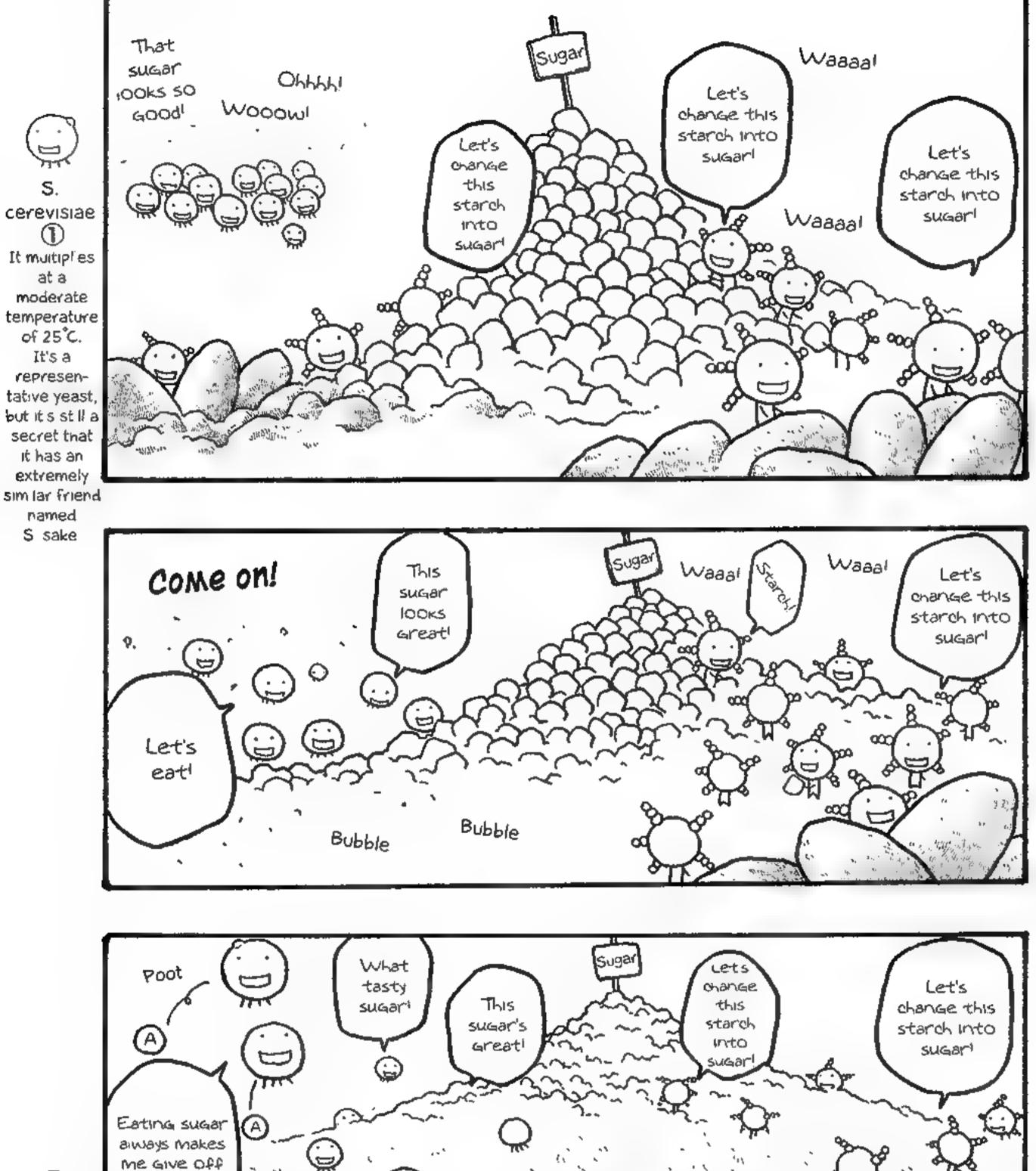
It does

away with
the other
microbes
Instead of a
rice ball, you
can also use
yogurt











aicohol

Bubble "

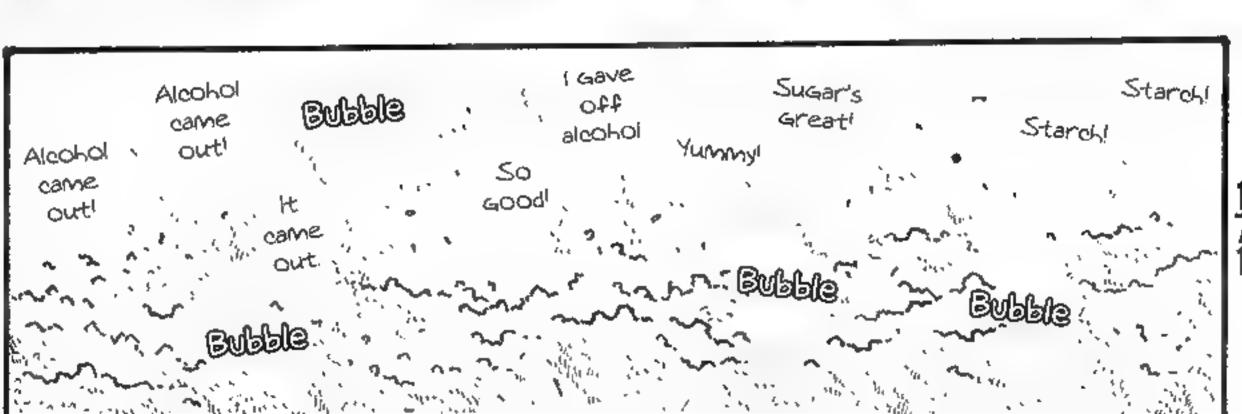
S.

at a

It's a

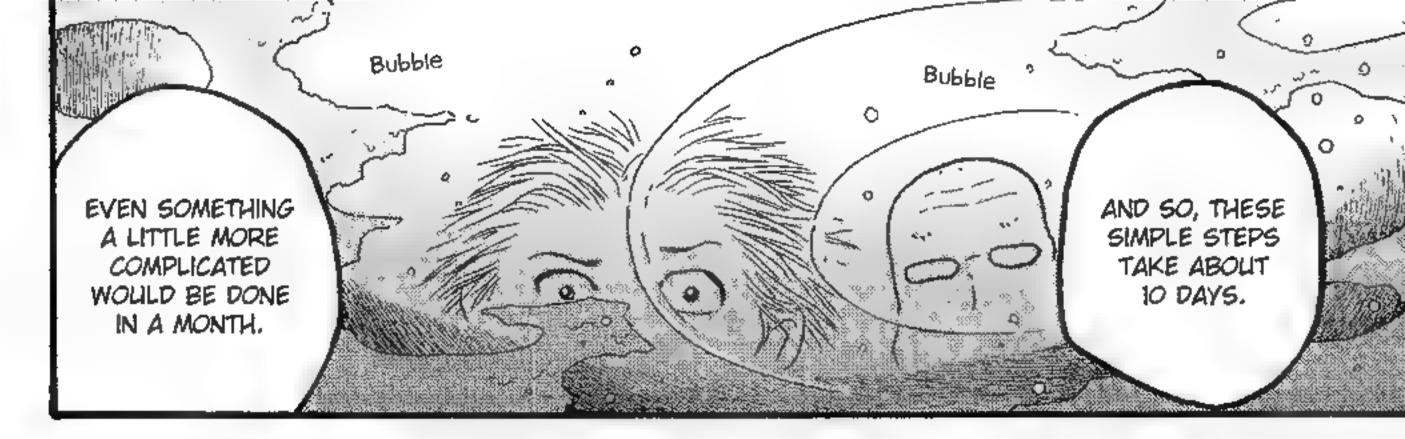
cerevisiae 2

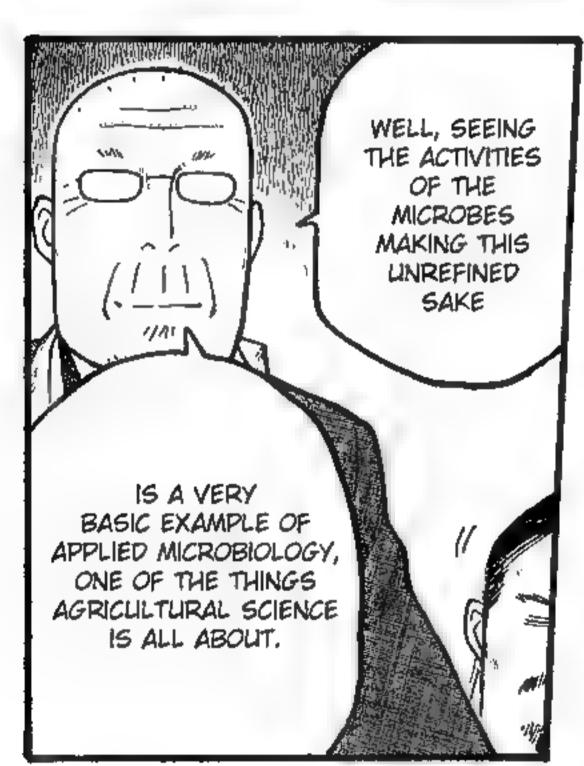
When there aren't many bubbles, buy dry yeast at the supermarket for reinforcements.



Bubble

Bubble



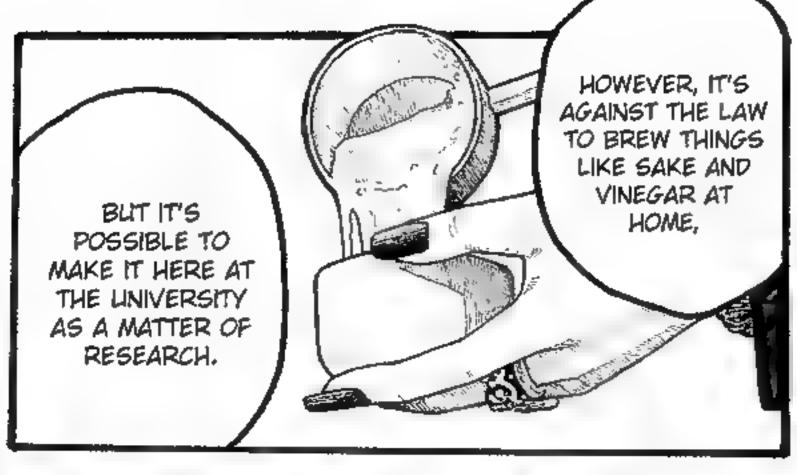


























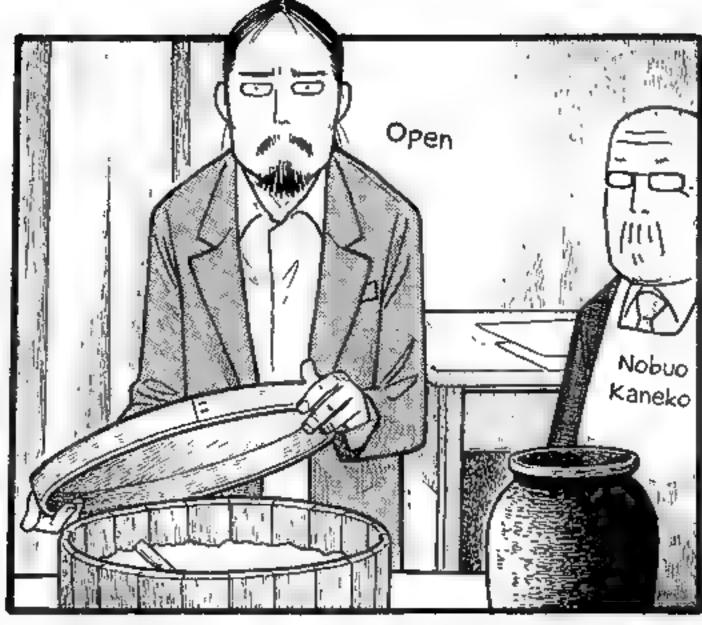


knowledge again in this

chapter.



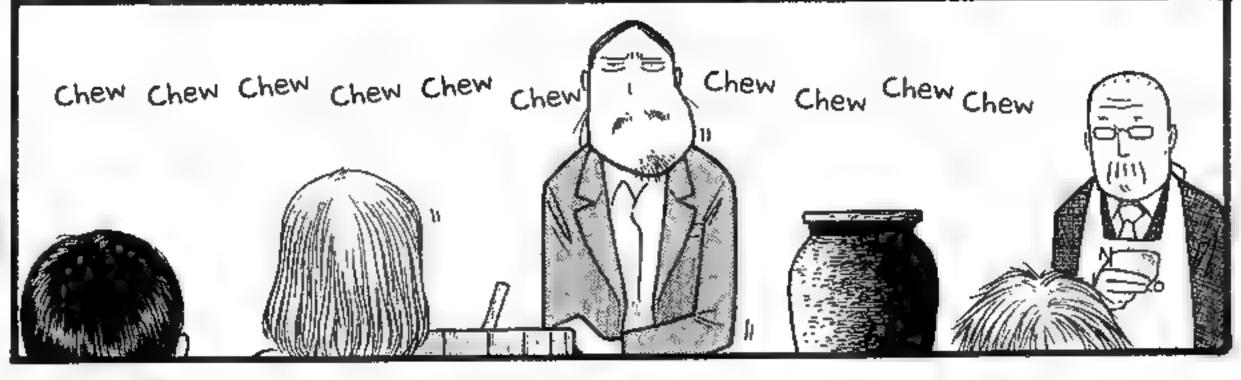






Keizou
Itsuki
He's a
professor
at a certain
agricultural
university
He may be
wordy, but
he's not
Nobuo
Kaneko-san





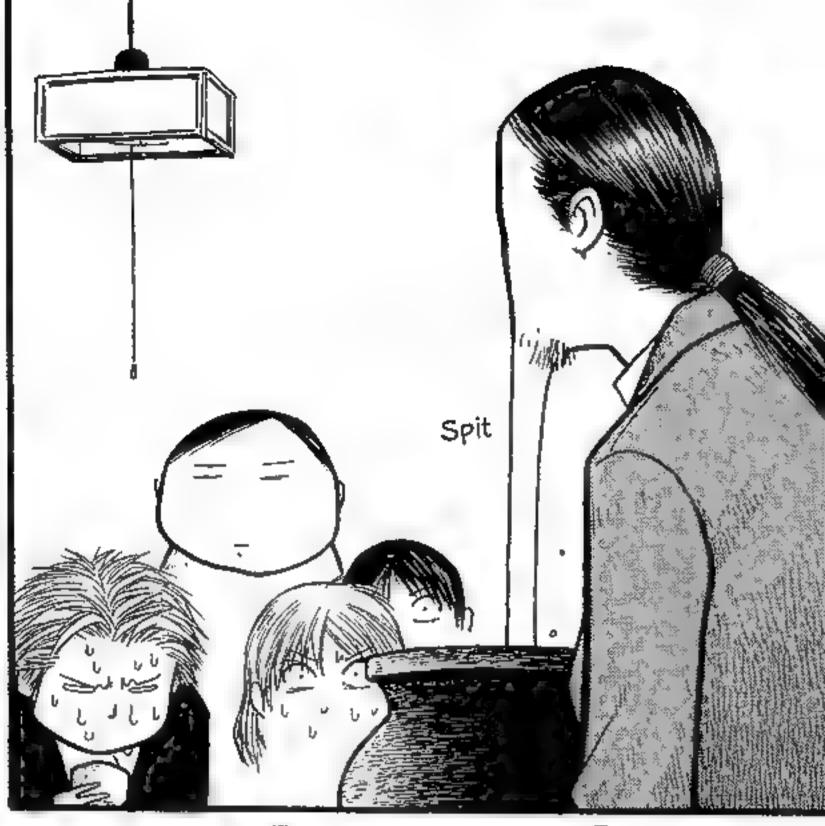


Hasegawa
She's a
graduate
student at
a certain
agricultural
university
She's
Professor
Itsuki's No. 1
subordinate
She's made
Yuuki her

servant.



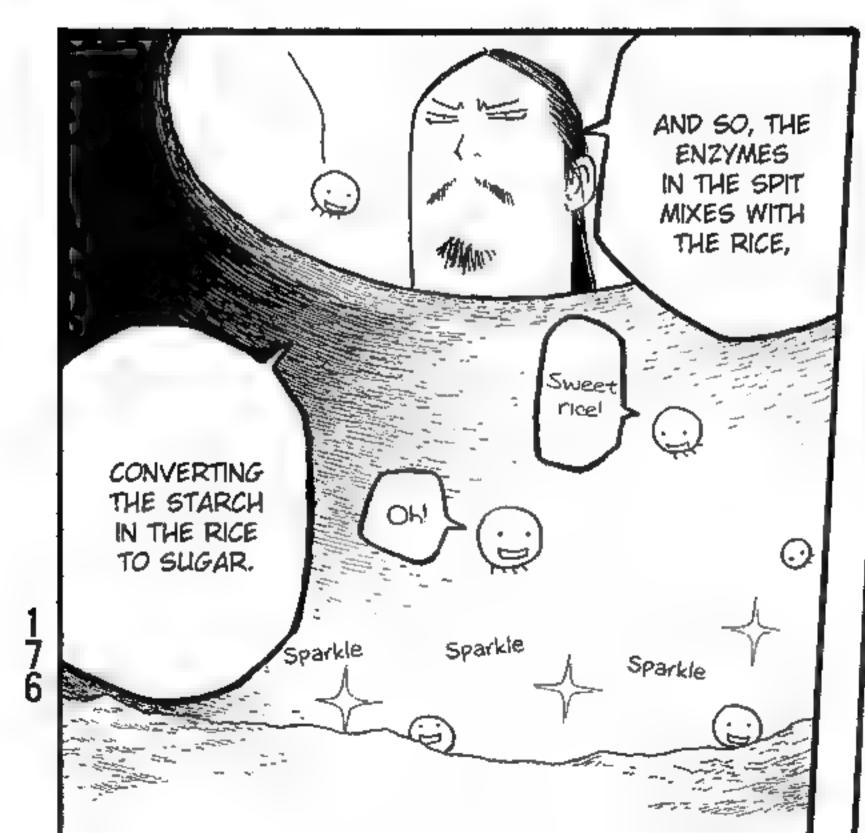




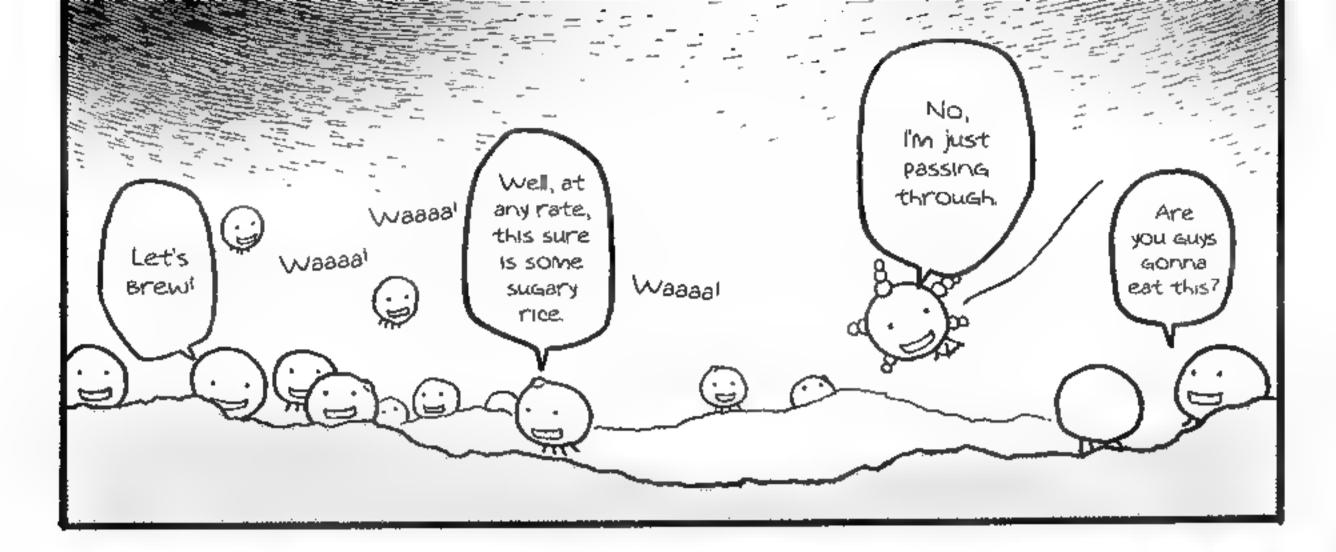
THAT'S BECAUSE
THE SPIT ON YOUR
CHOPSTICKS OR SPOON
GETS TRANSFERRED TO
THE PLATE AND STARTS
DECOMPOSING THE
POTATO STARCH.



YOU KNOW HOW
CHINESE FOOD
WITH THICK
STARCHY SAUCE
GETS WATERY AS
YOU EAT IT?

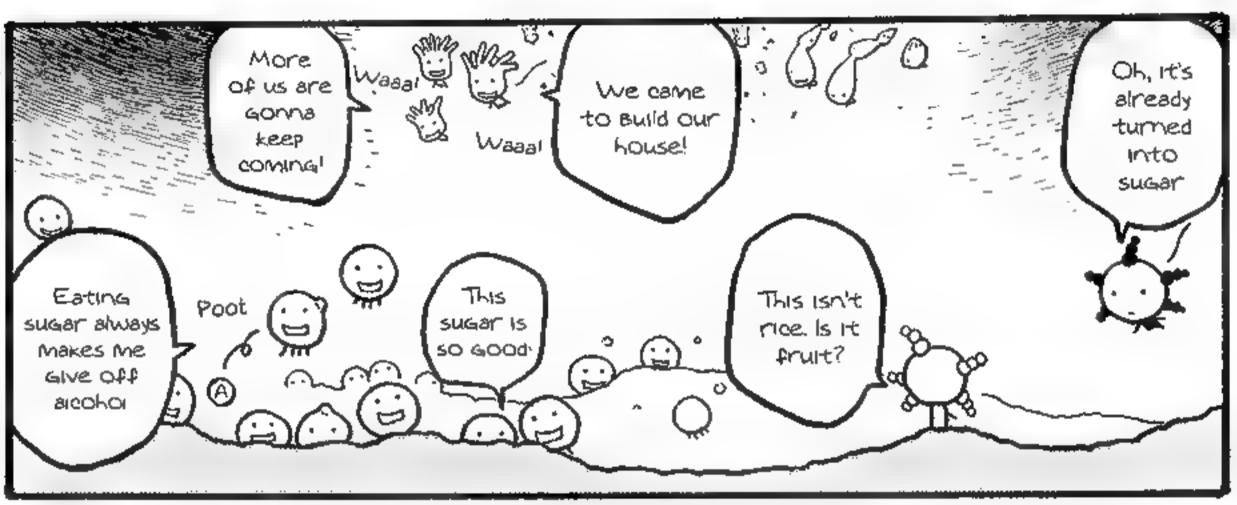








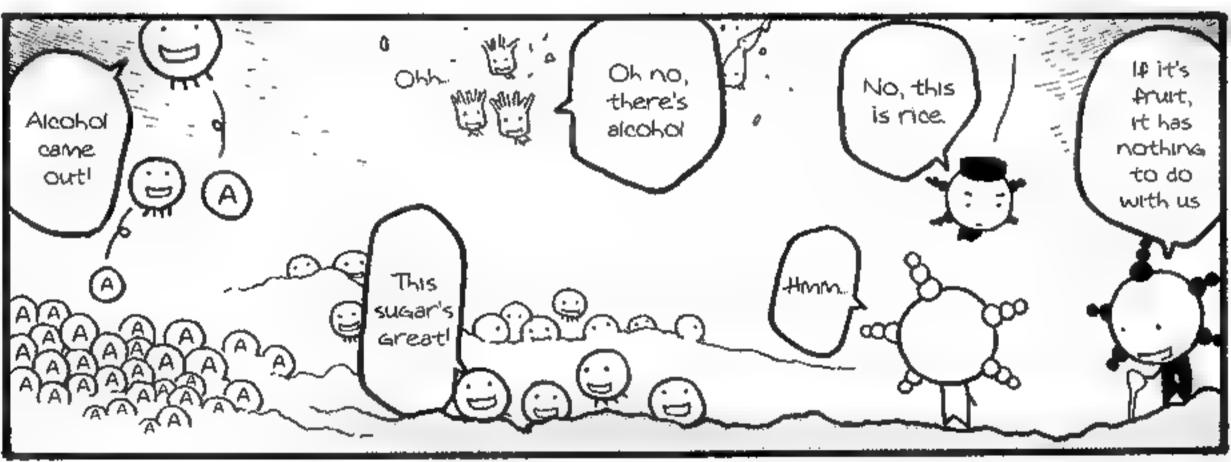
A. niger
Also known
as black
mold, it's
a favorite
microbe
for brewing
shochu.
It's also
used a lot
in industrial
production.





Together with its ability to convert starch into sugar, it's very good at citric acid fermentation, and because of its abinty to defend against harmful bacter'a it's used a lot in brewing in warm

c! mates.





77





THIS IS
THE MIRACLE
BROUGHT ABOUT
BY SOMEONE LONG
AGO THAT DIDN'T
KNOW ABOUT
THE POWER OF
ENZYMES IN SPIT:
SAKE MADE FROM
CHEWED RICE.

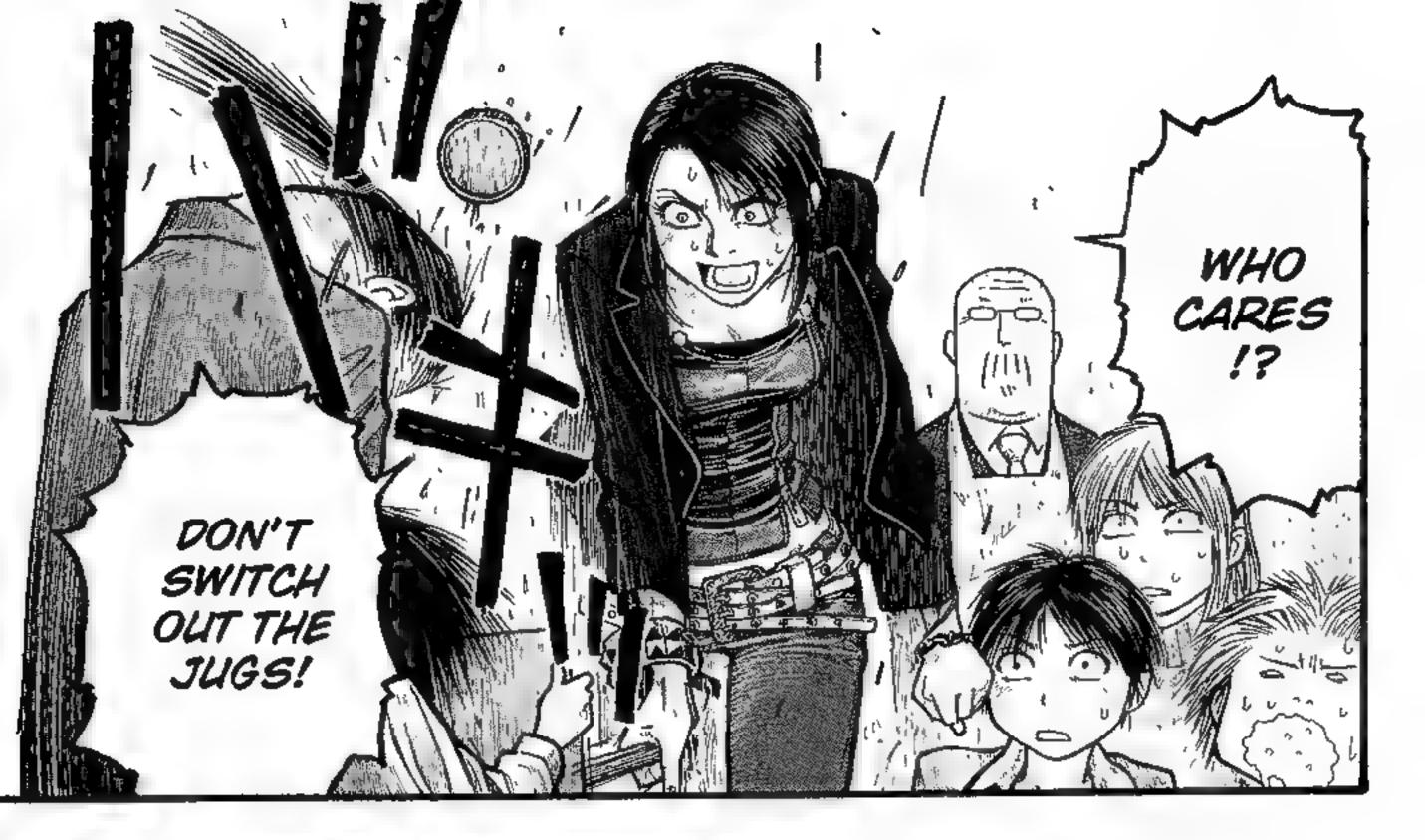
IF YOU'RE
GONNA DO IT,
WHY NOT DO
HOW THEY
ORIGINALLY
DID IT?

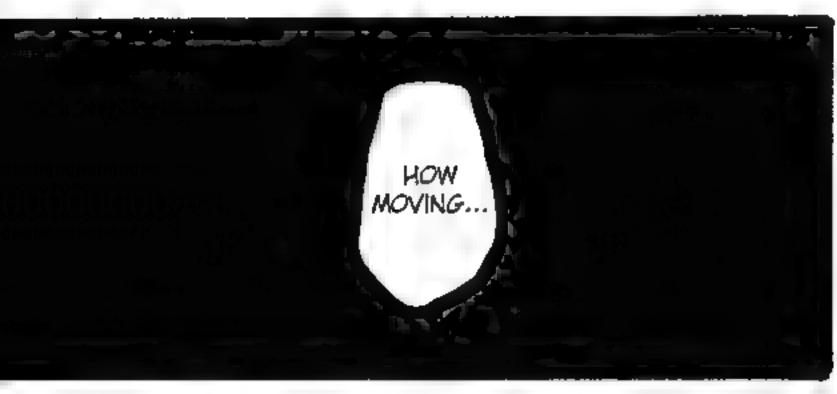
0

The case wrapped around the eggs of a praying mantis is a good example.





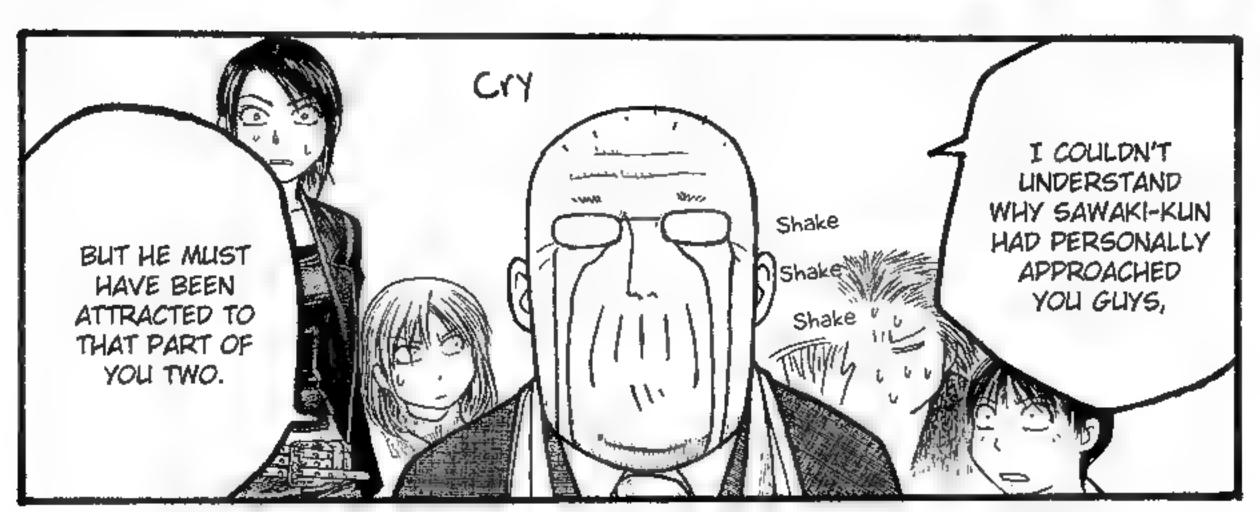


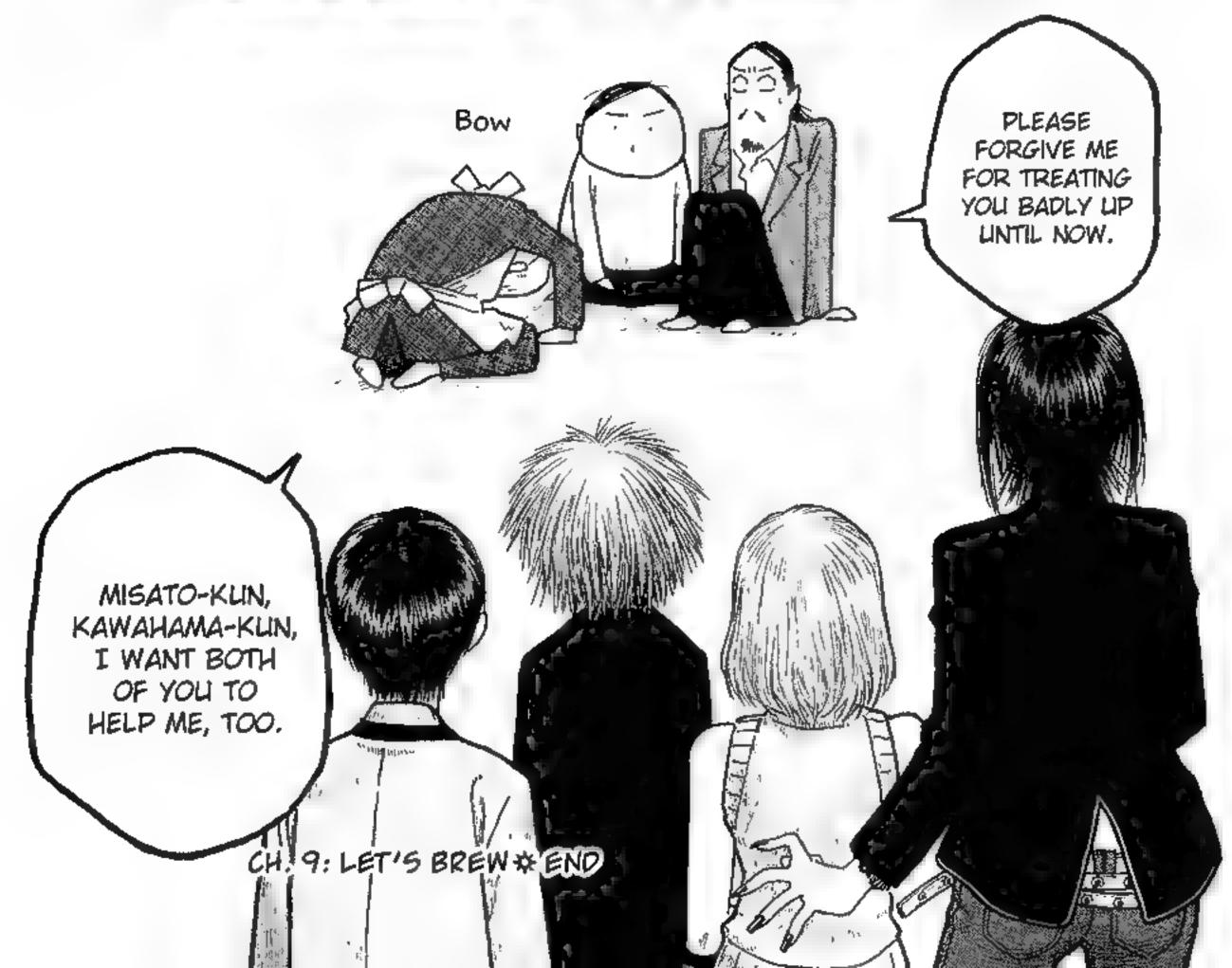




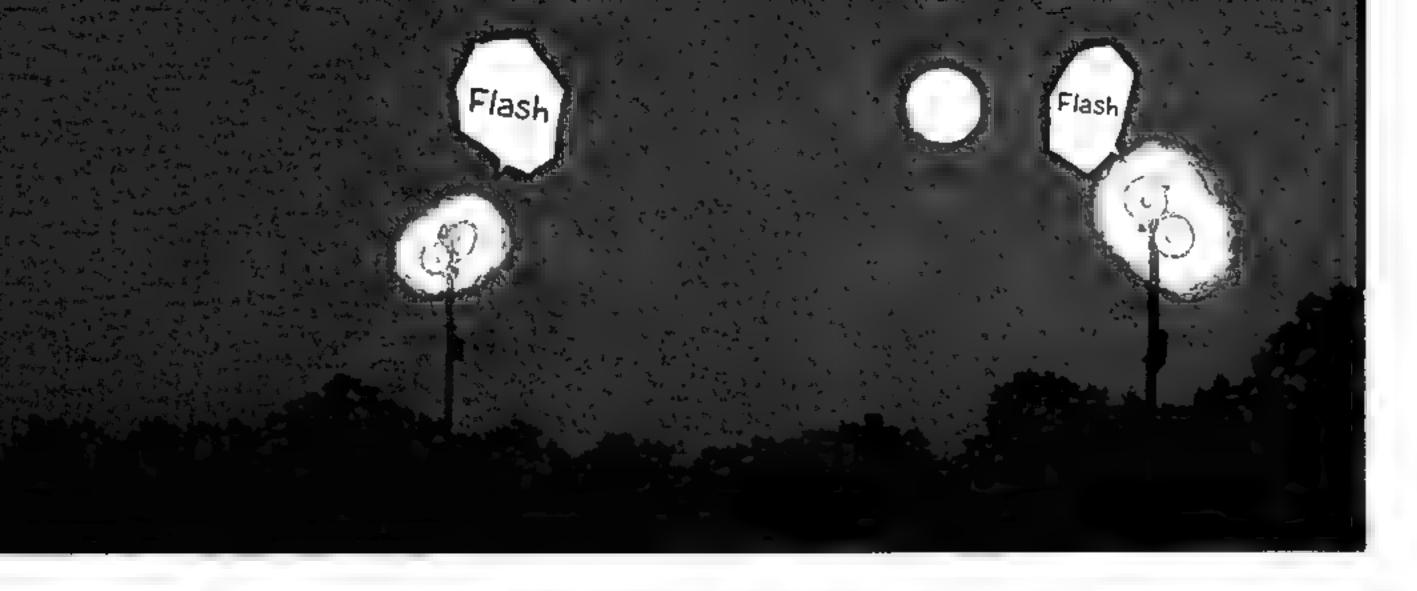




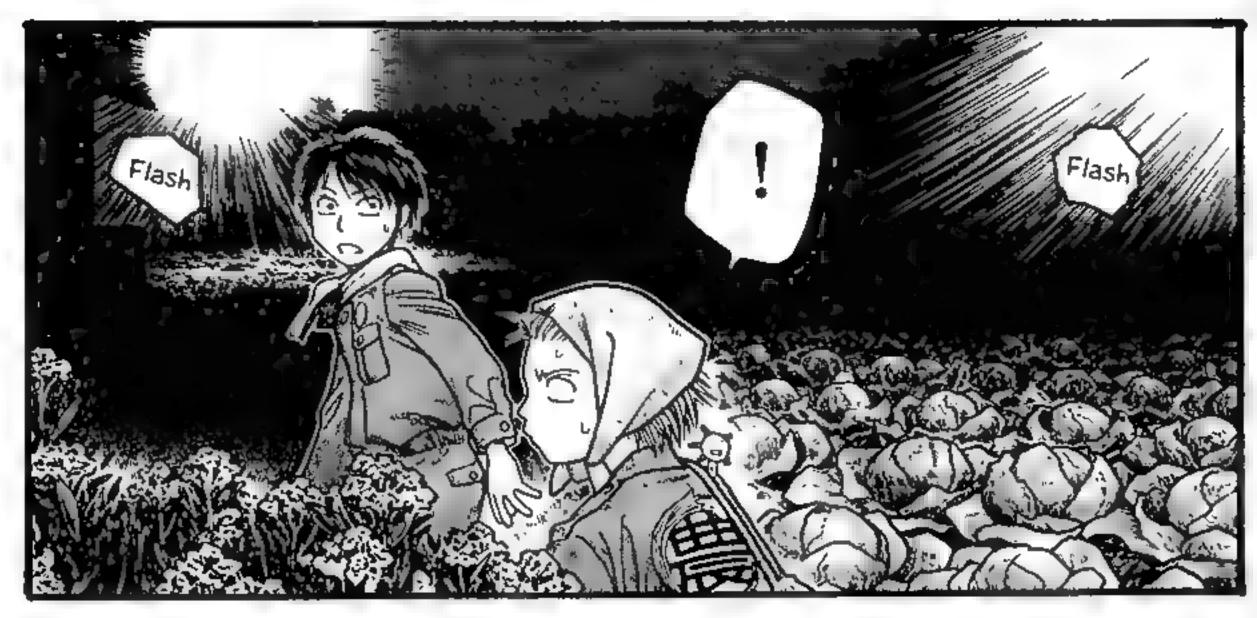


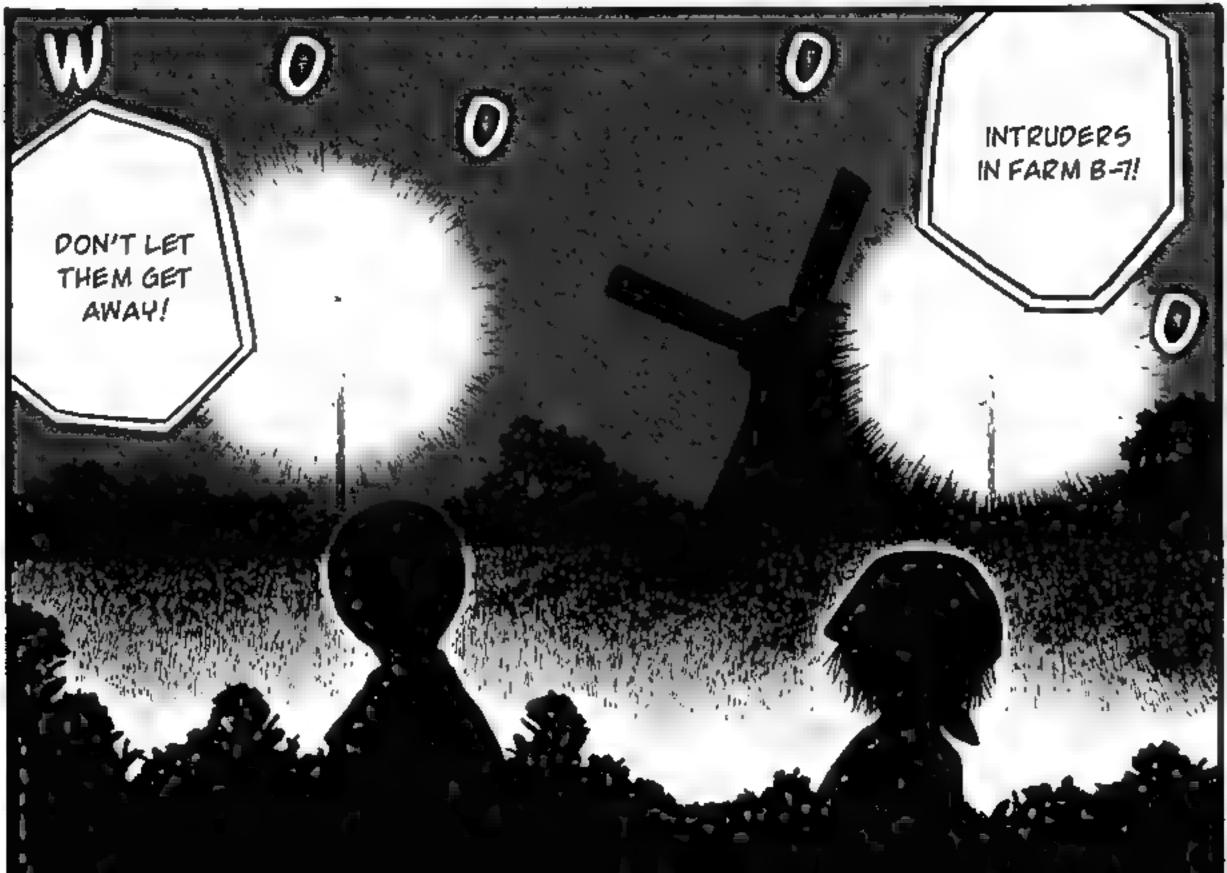






This is the first "action chapter".















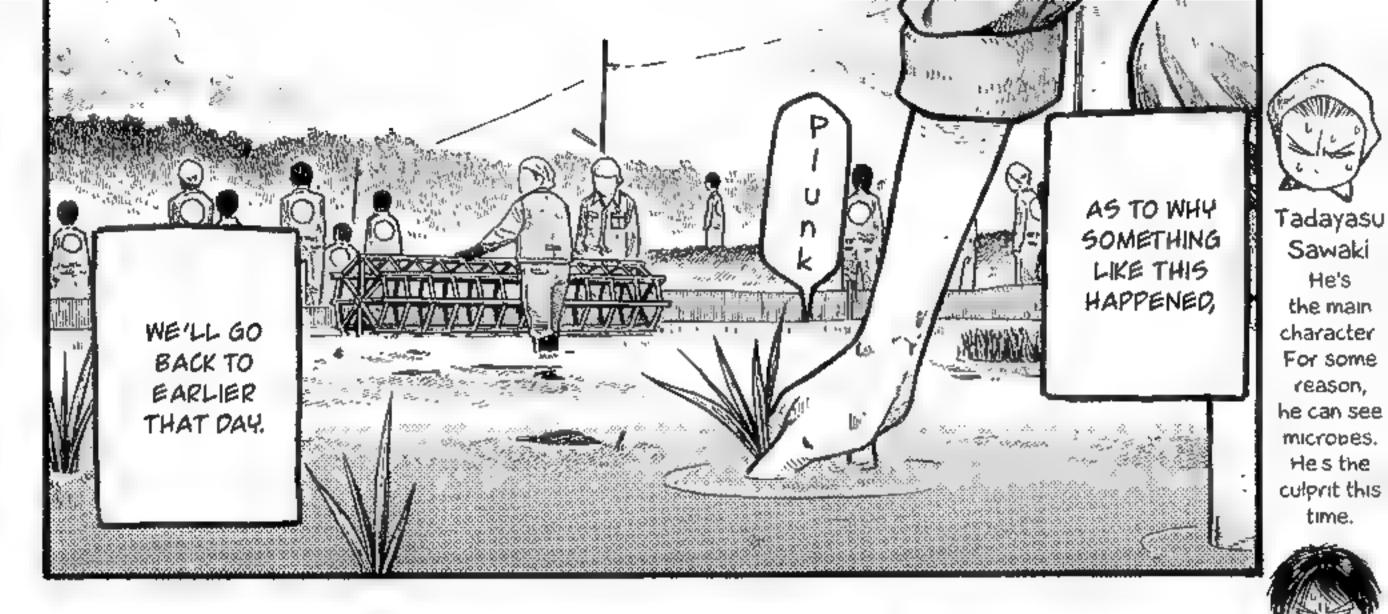
Happy 2005 to you.

TALES OF AGRICULTURE

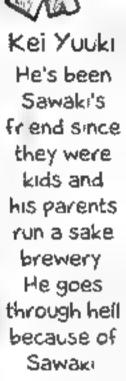
WE... WE'RE SURROUNDED!

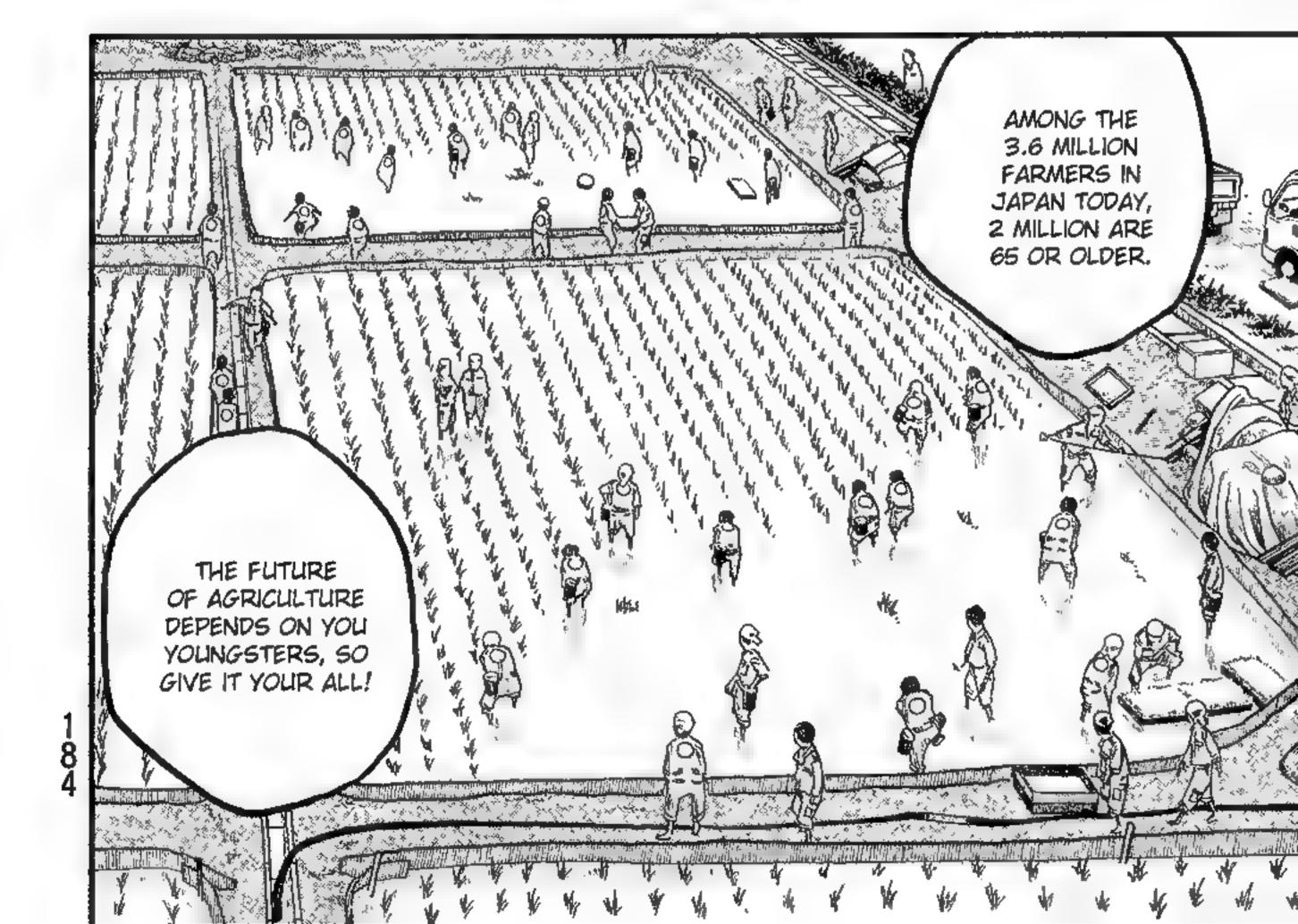
WHY ARE THERE SO MANY PEOPLE HERE!?

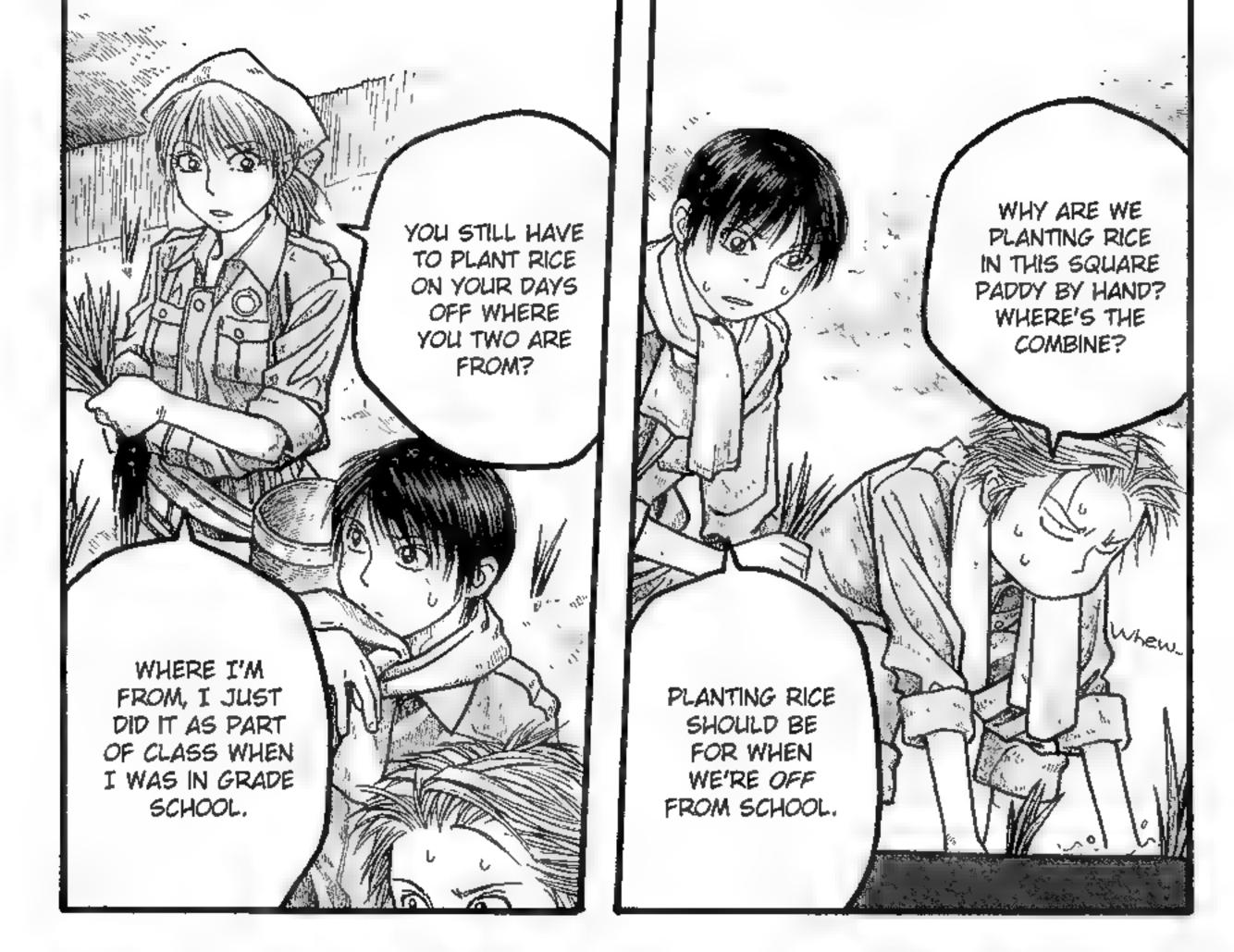
CH. 10: SPRING

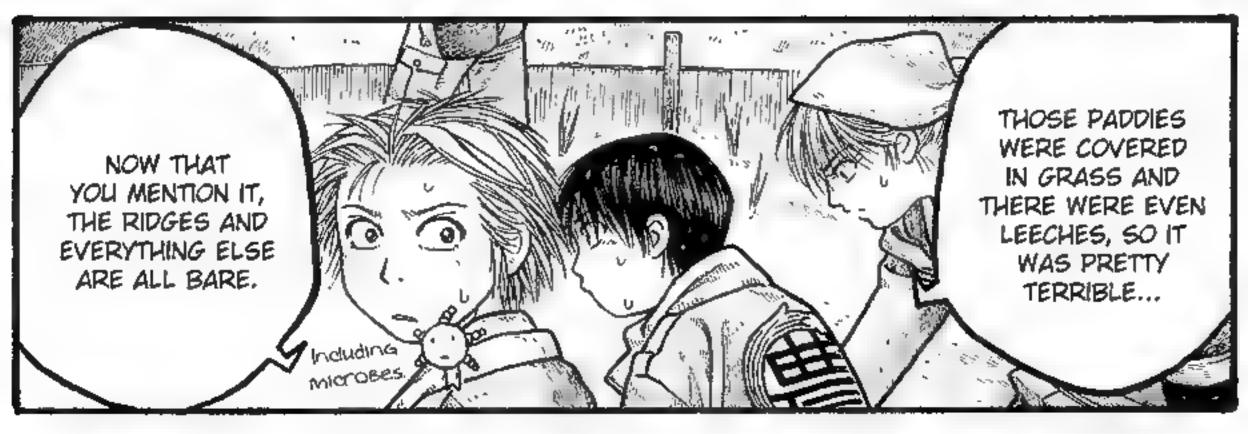




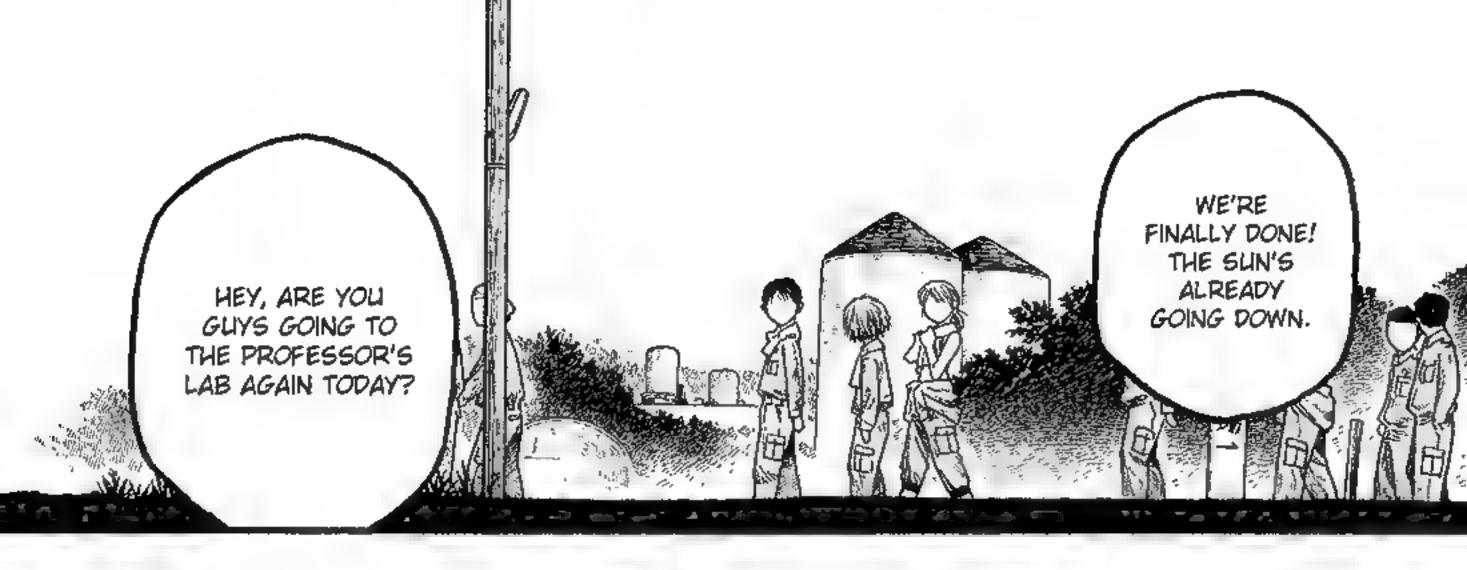










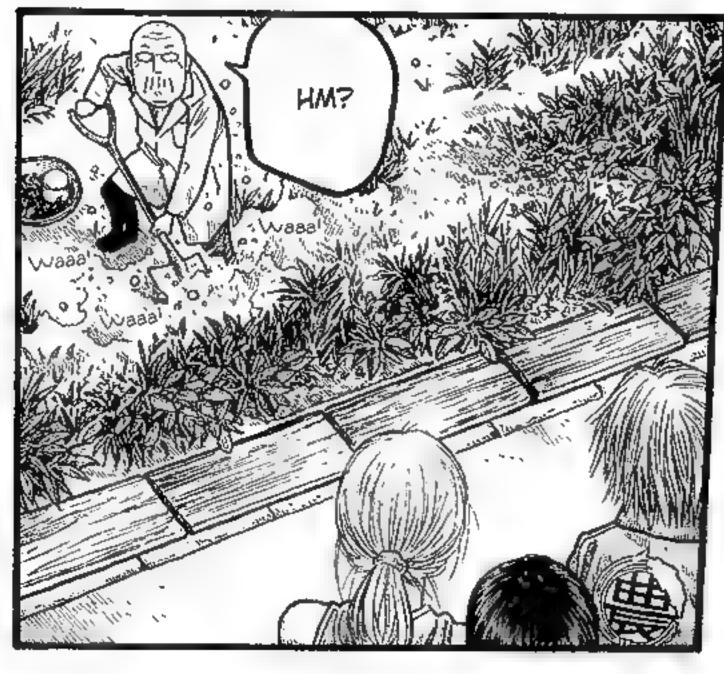


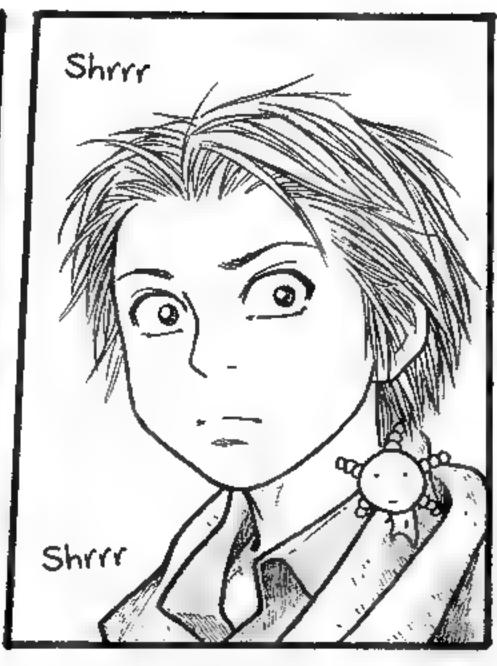






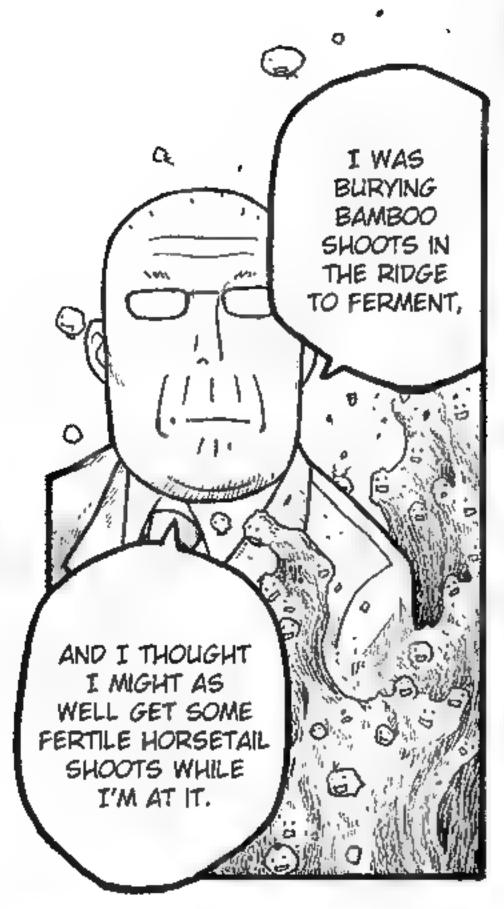
Hazuki
Olkawa
Like Sawaki
and Yuuki,
she's a
first-year
at the
agricultural
university
She's
apparently in
the same
class as
Sawaki and
Yuuki.







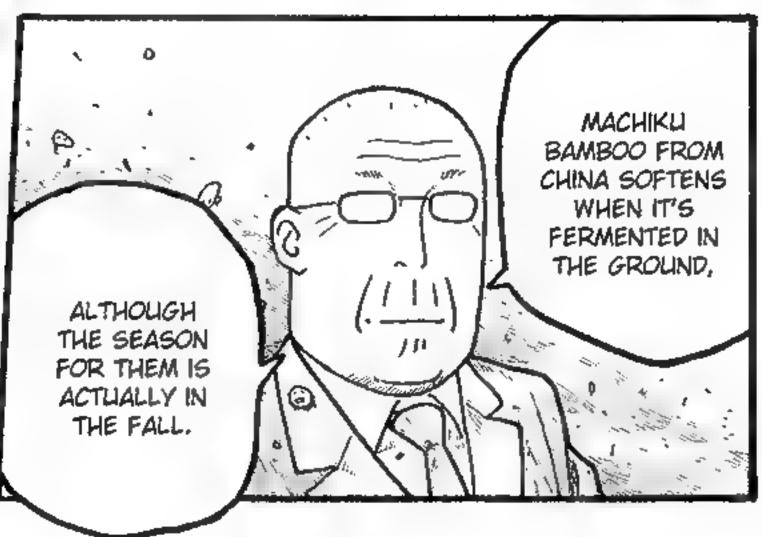
A. oryzae Aithough it shows up in every chapter, it's the representative microbe for brewing in Japan. Is it often seen riding on Sawaki's shoulder because it came from his house!?









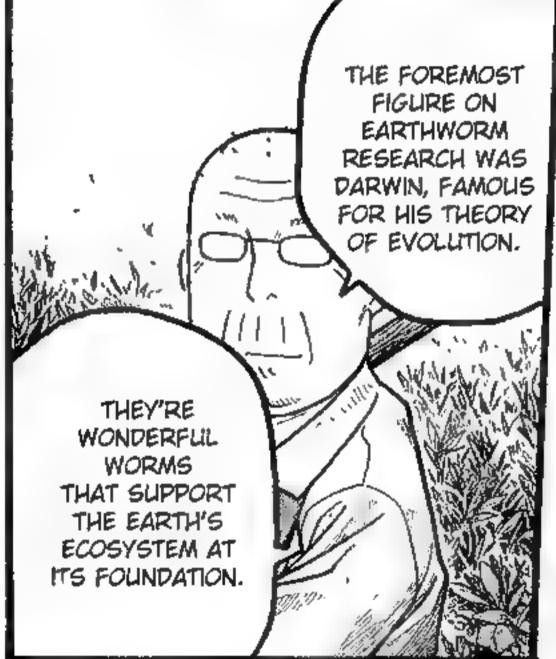


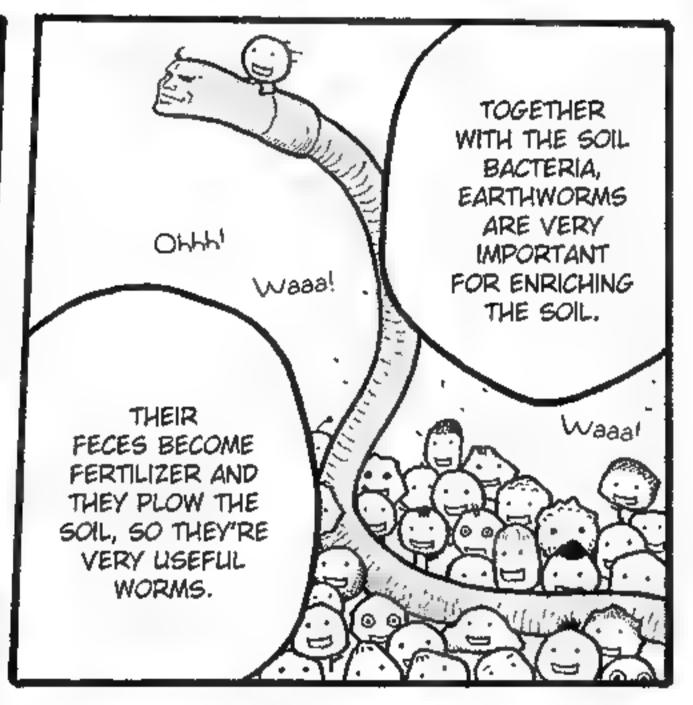


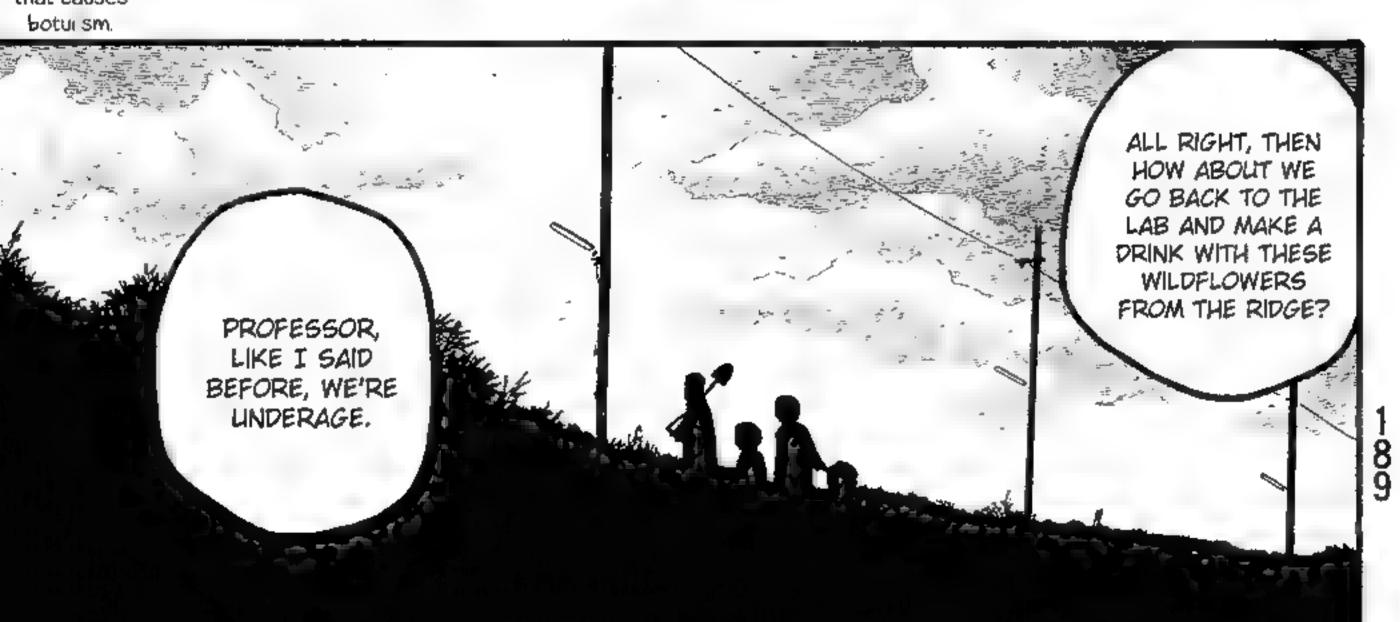


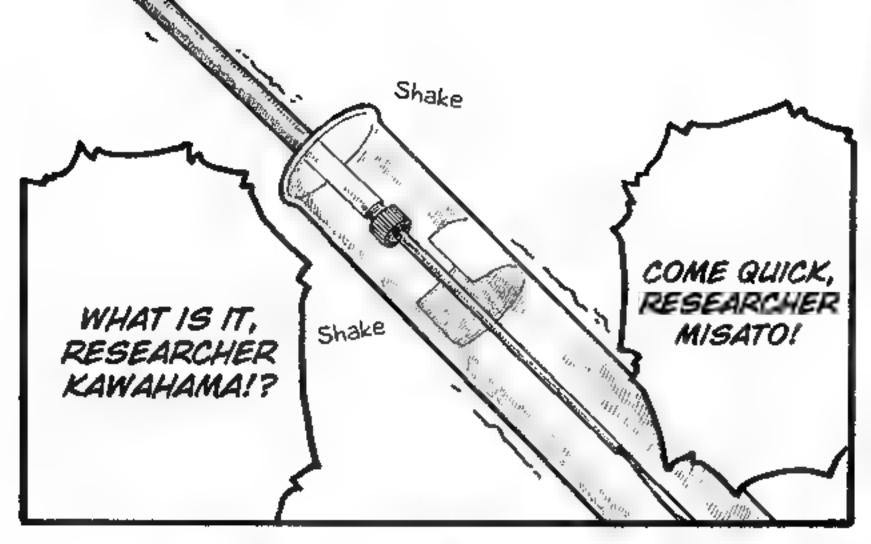


botul num It's found throughout nature, including in the soil. It hates the air, and it's covered in spores. It produces the world's strongest tox n that could destroy humanity with just 25 grams if it gets serious It's the bacteria that causes





















Haruka Hasegawa Shesa graduate student at a certain agricultural university Sne's Professor Itsuki's No. 1 subordinate. She really hates Misato and Kawahama.



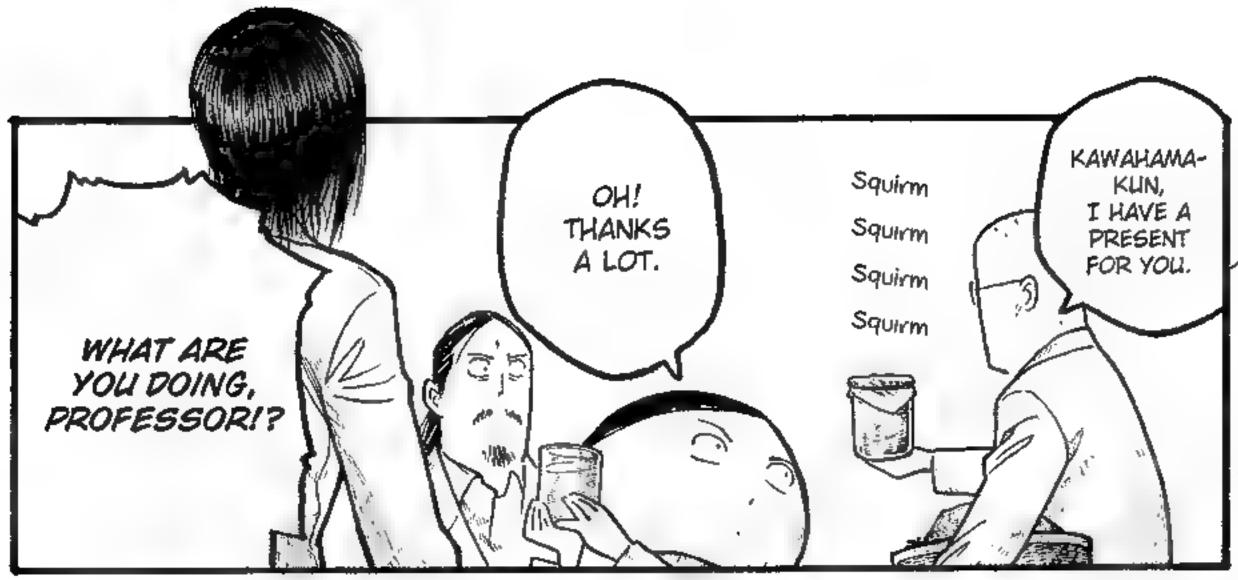




Earthworms
In Chinese
herbology,
they're known
as "Earth
Dragons"
and are
highly prized
My editor
M ate them
deep-fried in
Vietnam, but
they were
tasteless























KAWAHAMA, DON'T WE HAVE A MAP OF THE FARMS?



ASPARAGUS
WOULD BE
NICE TO
HAVE IN THE
SPRING.

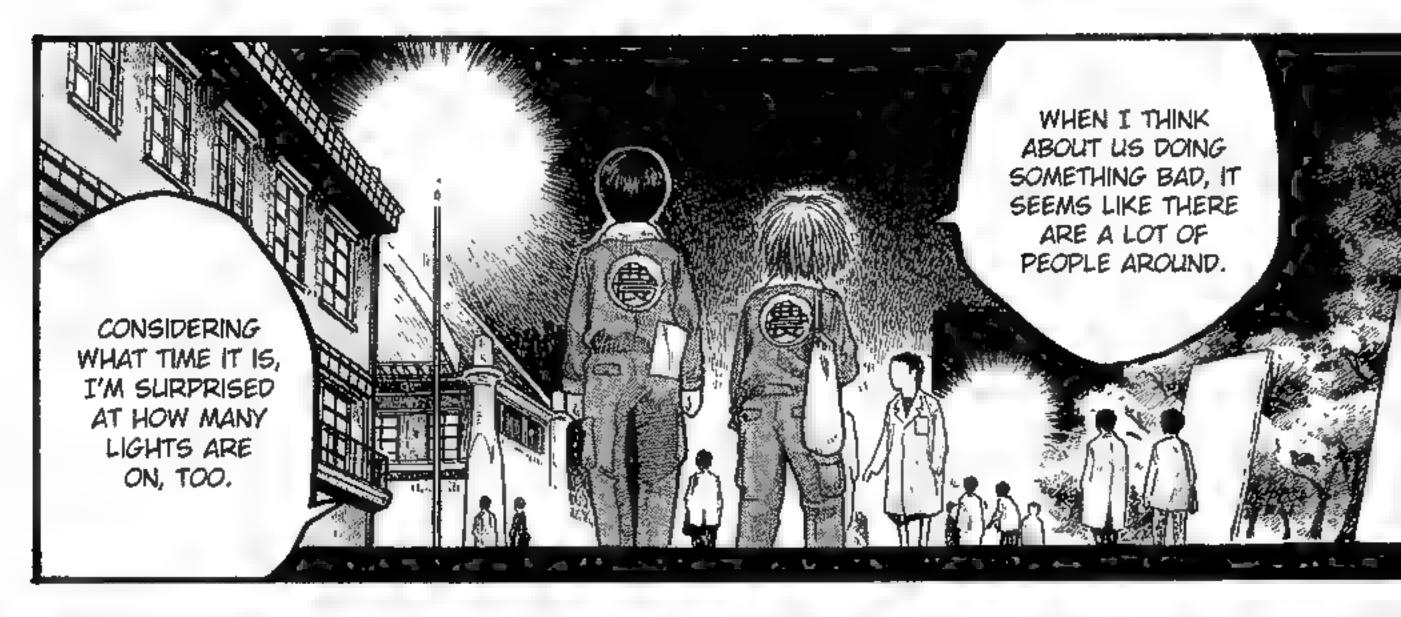


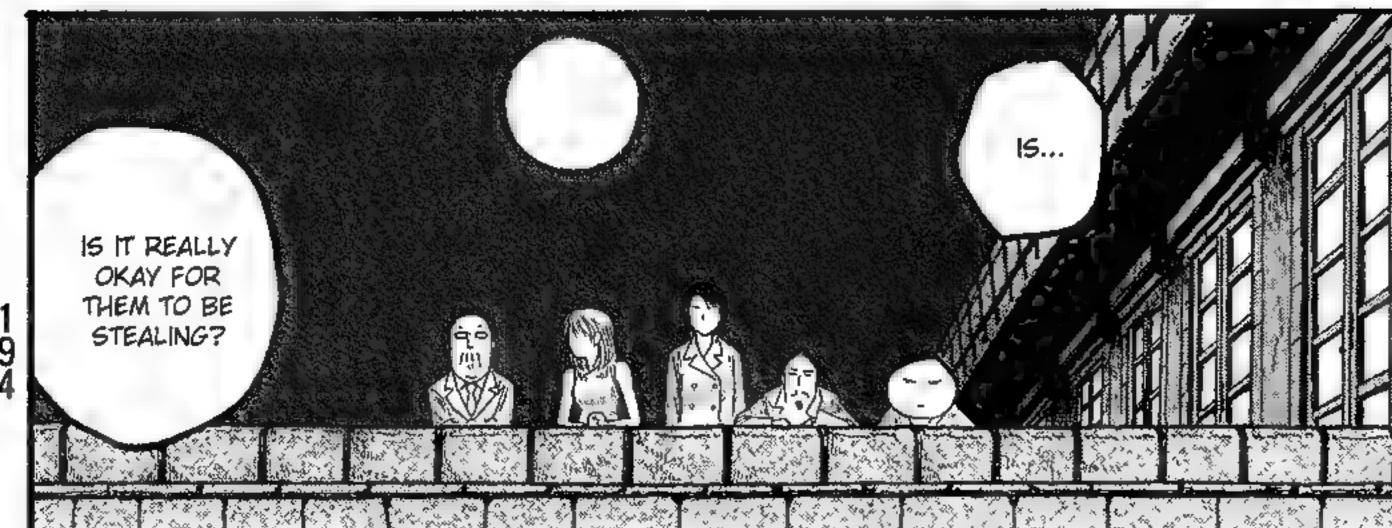




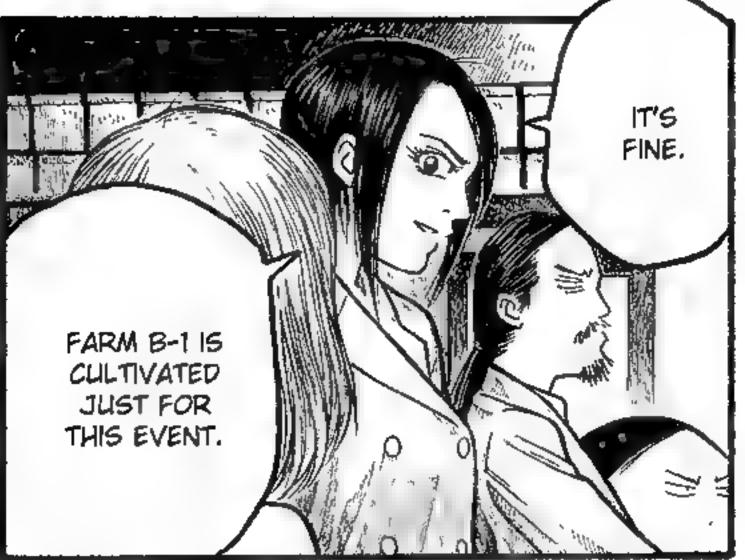


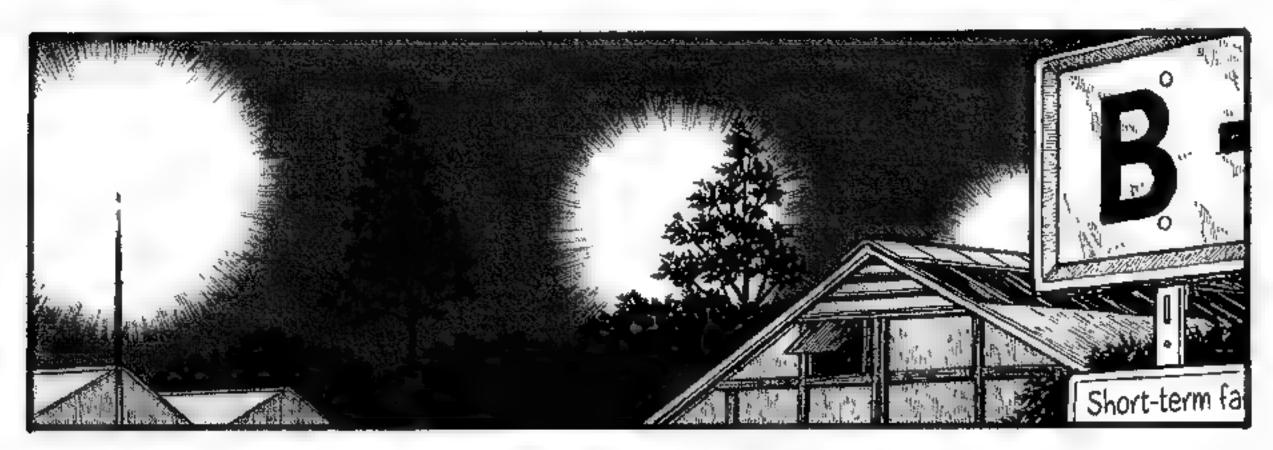












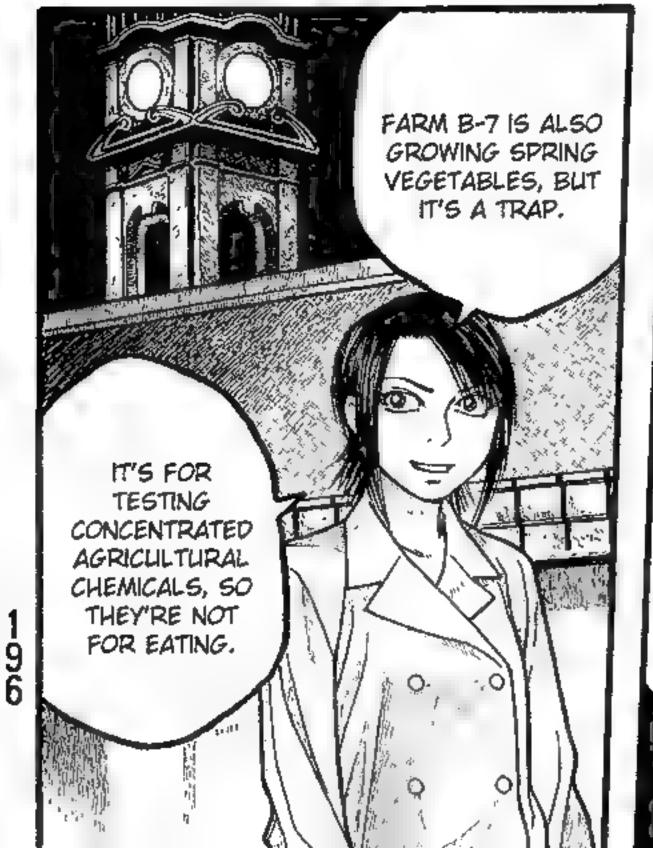






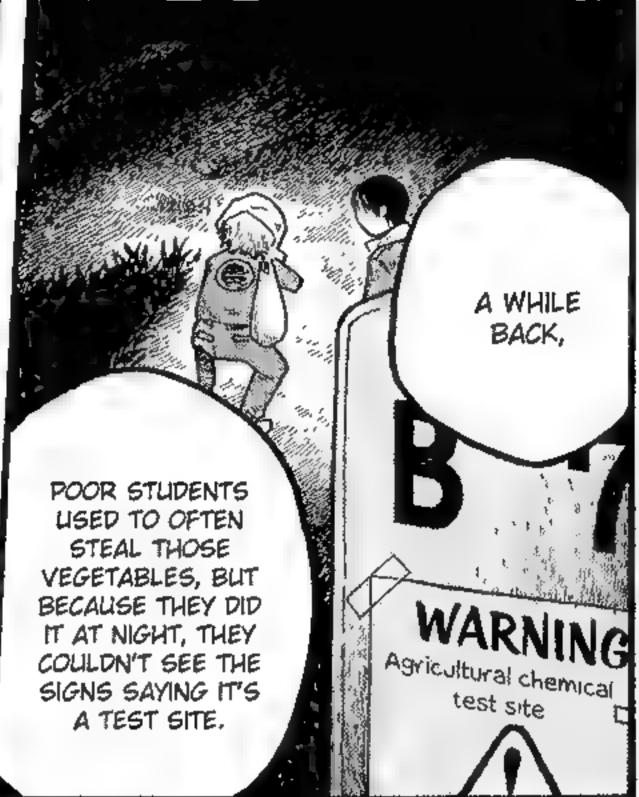


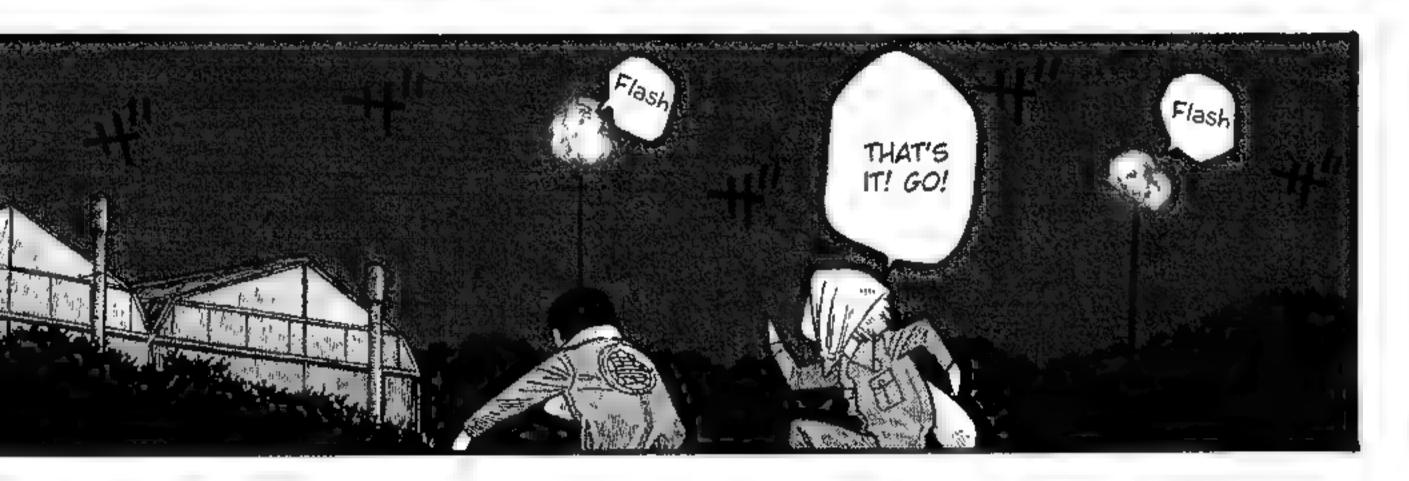




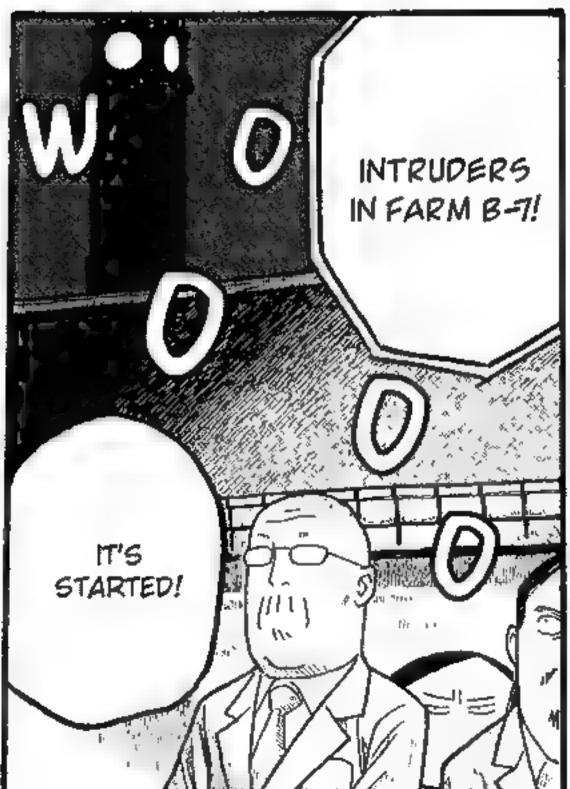


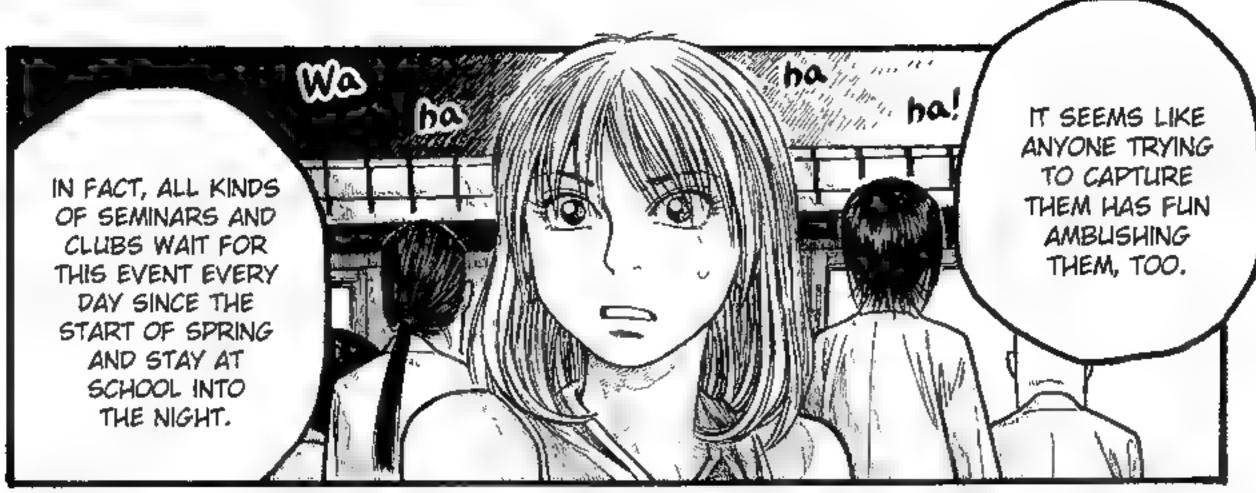
















PAY ATTENTION TO NOTICES FOR AGRICULTURAL CHEMICAL TEST SITES



THOSE TWO ARE PRETTY FAMOUS NOW.



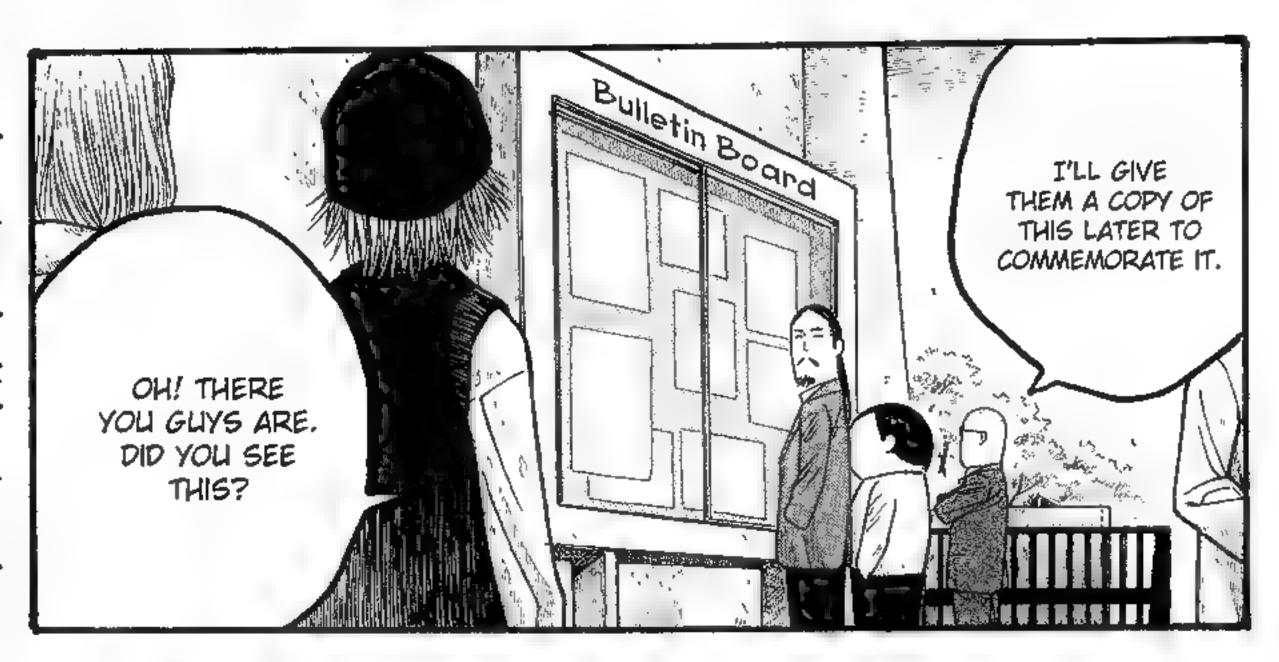
Agricultural science department first-year Tadayasu Sawaki-kun

This year's culprits



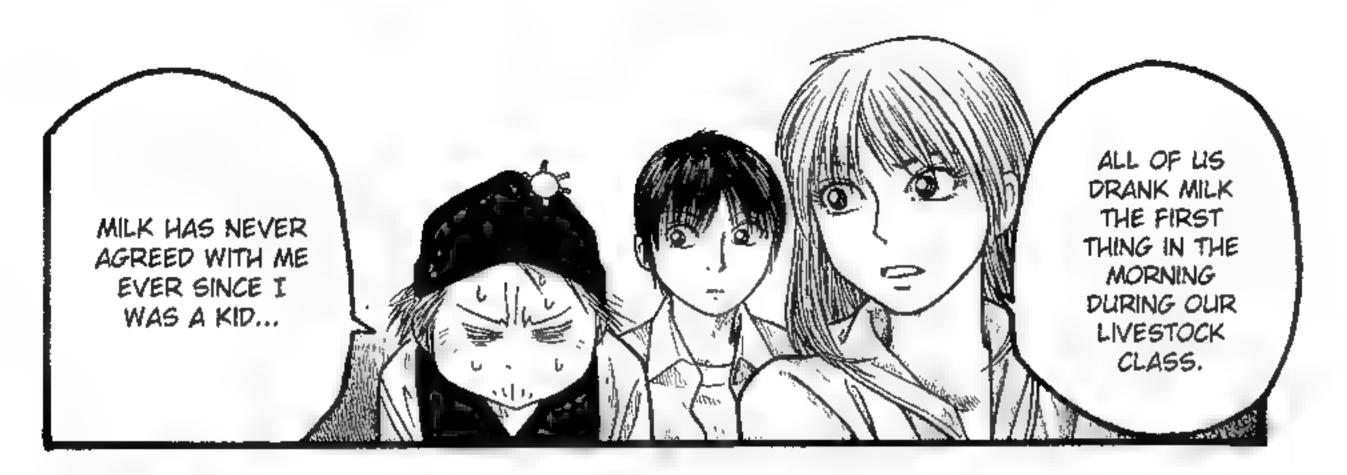
Agricultural
science department
first-year
Kei Yuuki-kun

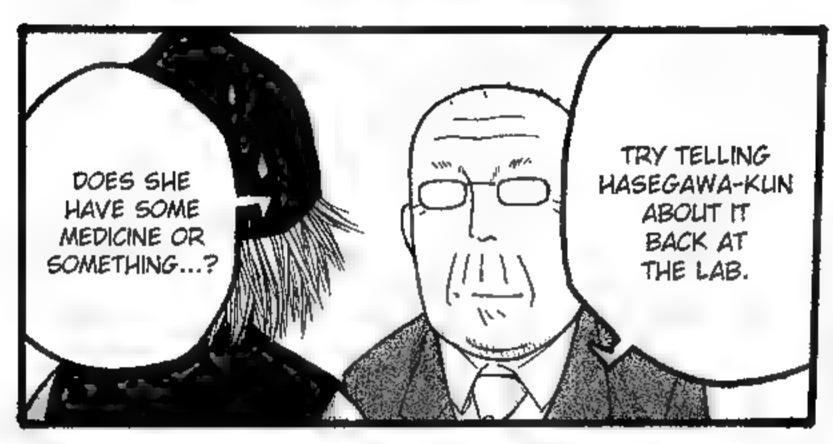






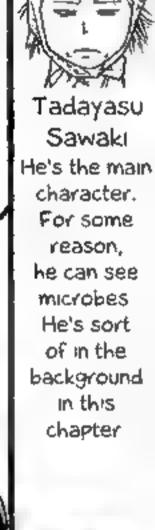
90



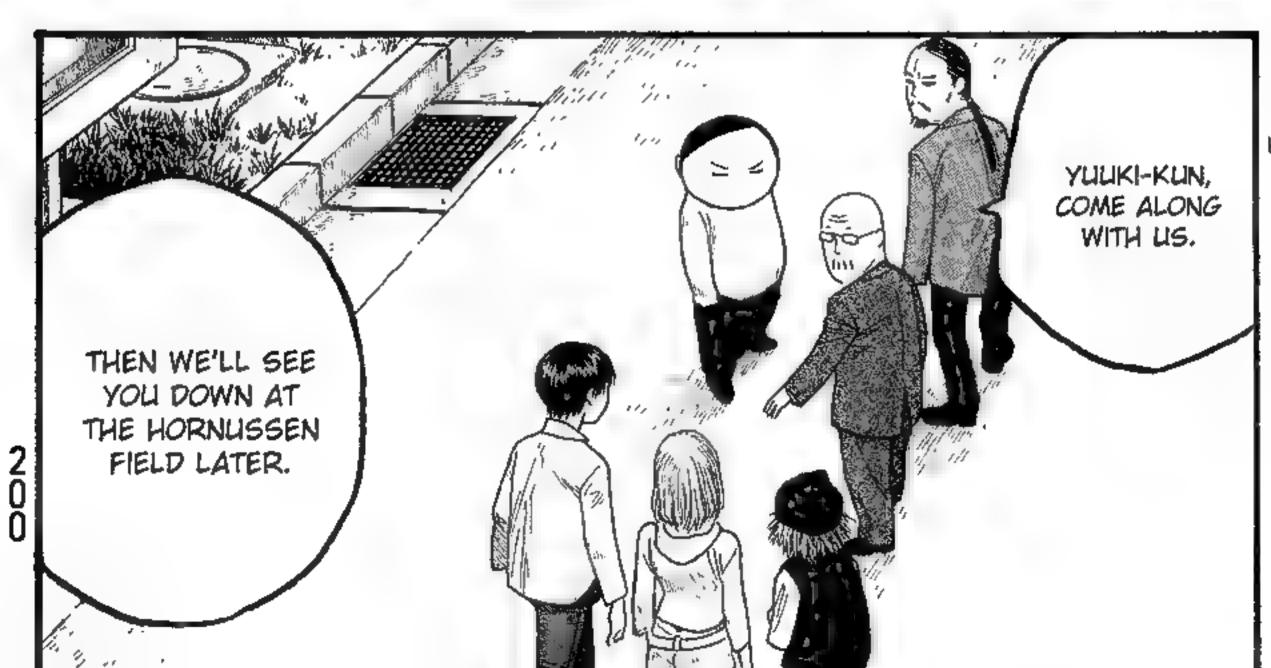










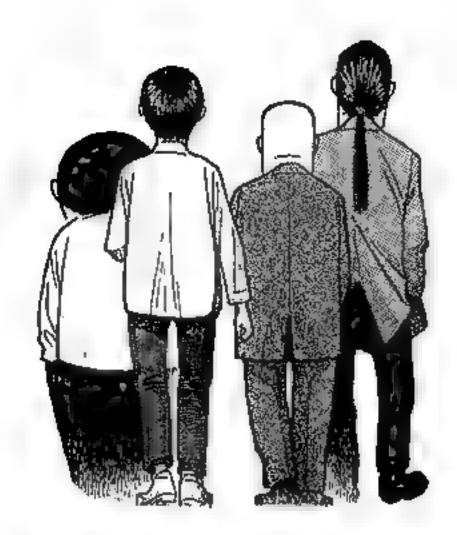




CH. 11: BATTLE OF THE GOOD BACTERIA

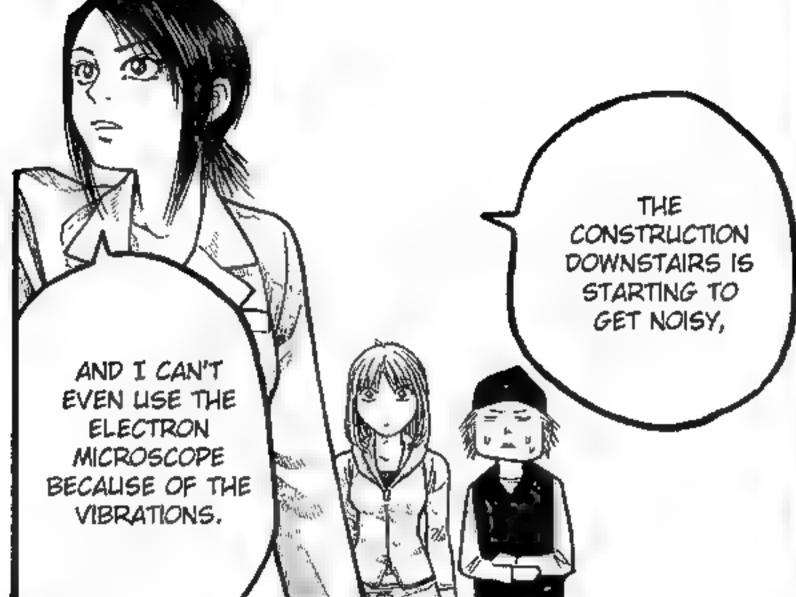
...WHAT'S HORNUSSEN?



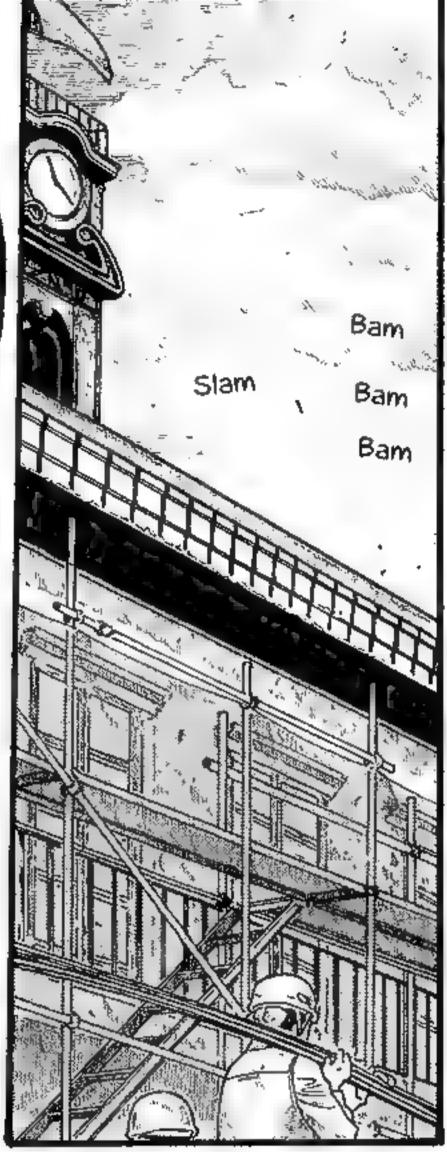


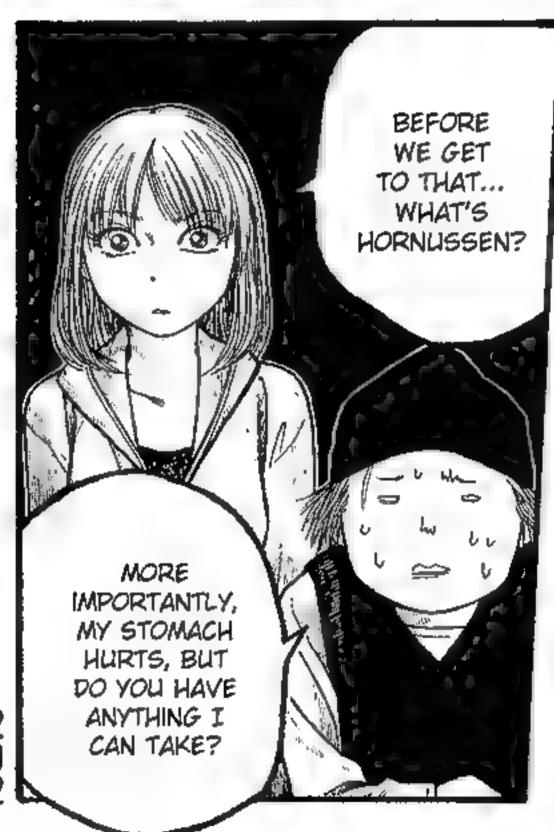
















Hazuki
Oikawa
Like Sawaki
and Yuuki,
she's a
first-year
at the
agricultural
university
Is she with
Sawaki and
the others
too much?









Hasegawa
She's a
graduate
student at
a certain
agricultural
university.
She's
Professor
Itsuki's
No. 1
subord nate
She made
Yuuki her
subord nate



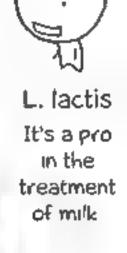
Keizou
Itsuki
He's a
professor
at a certa n
agricultural
university
I'll show
what's under
someday.









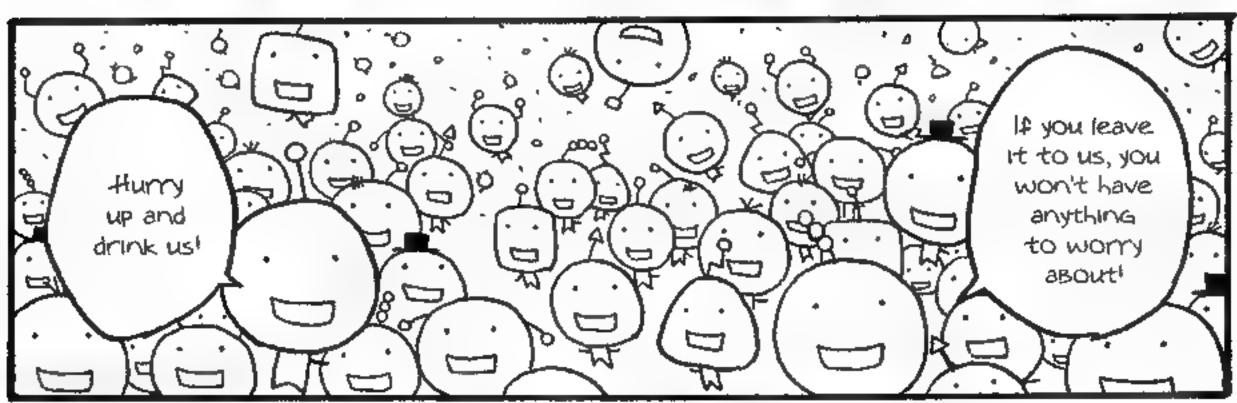




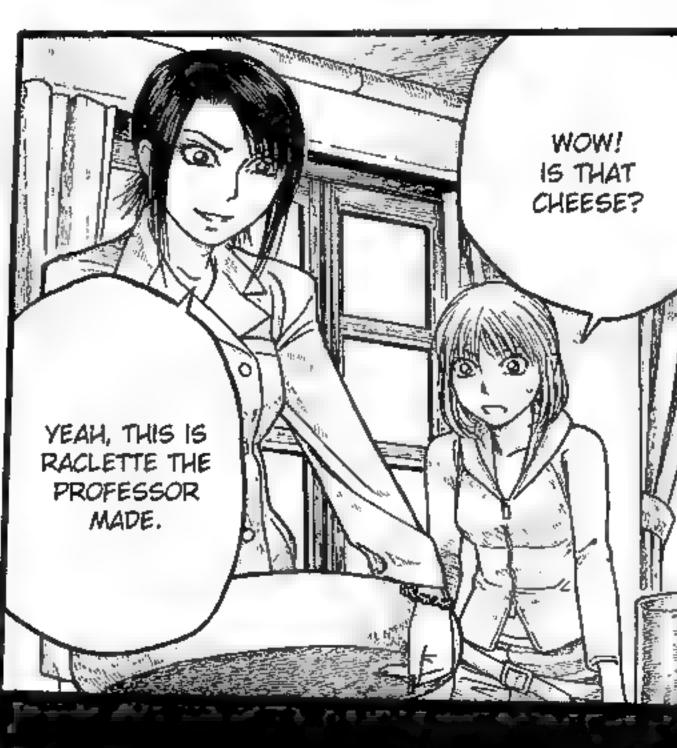
L. cremor's

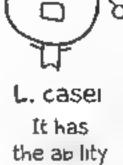
It's actually
spherical
in shape.
It's
well-known
from
Caspian Sea

yogurt.









the ab lity to activate killer T cells in your body



L. jugurti Most dairy products in Japan are made with these guys.







B bifidum This is one of the species of Bifidobacterium. A large number of people find this bacteria to be very helpful









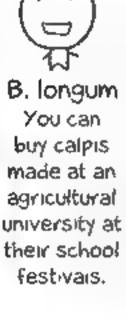


acidophilus It fives in your intestines and is representative of good

bacteria.









It plays a

big part in

pickling

vegetables

Eat Eat usl usi It's not like we directly readjust your BOWEIS All we do is reinforce our comrades already living inside of you so they can really come anve.





sweet

pickles, too



Just eat

them.

So there

are 400d

lactic acid

Bacteria

even in

Japan...





L. brevis
Whether
It's making
pickles or
caring for
babies, just
leave it to
brevis







E. faecalis
People have
been taking
notice of its
uses lately,
so it's been
hectic around
this guy



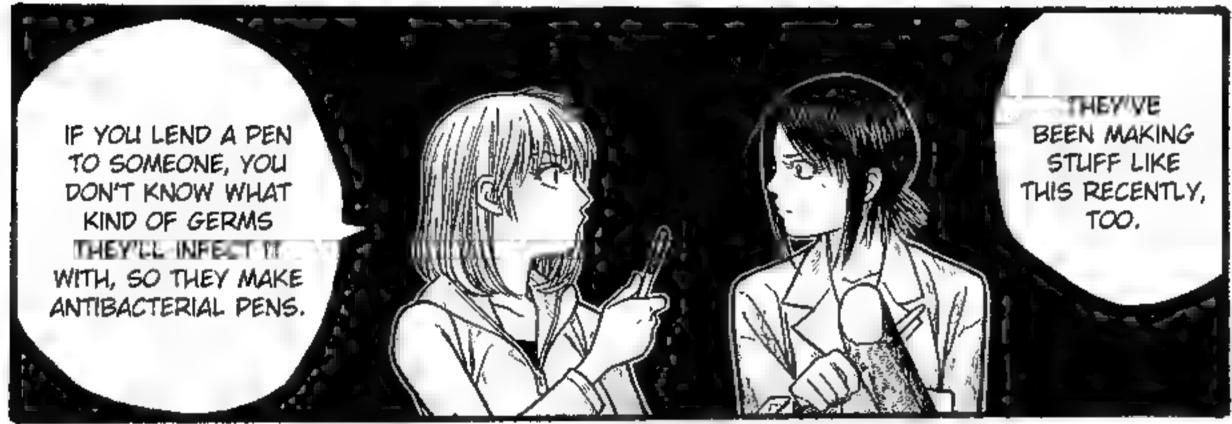


THAT
WAS ALSO
RESOLVED WITH
THE POWER OF
MICROBES.

IN 1962, SOMEONE
DISCOVERED IN
JAPAN THAT ONE
OF THE SPECIES IN
THE MUCORACEAE
FAMILY OF FUNGI
HAS THE SAME
ABILITY AS RENNET.

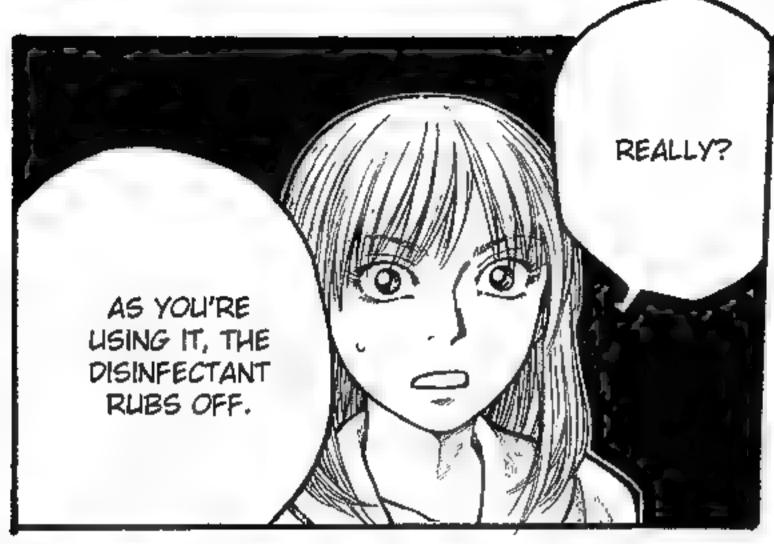


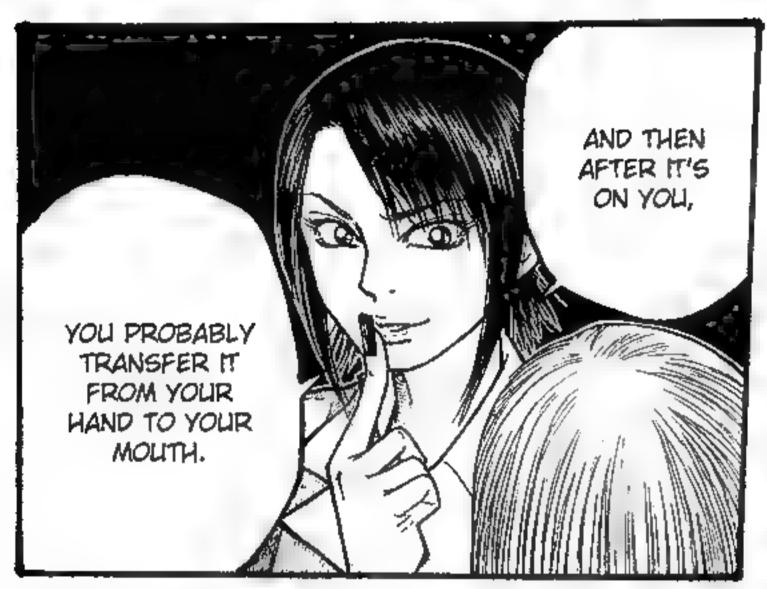
M. pusillus



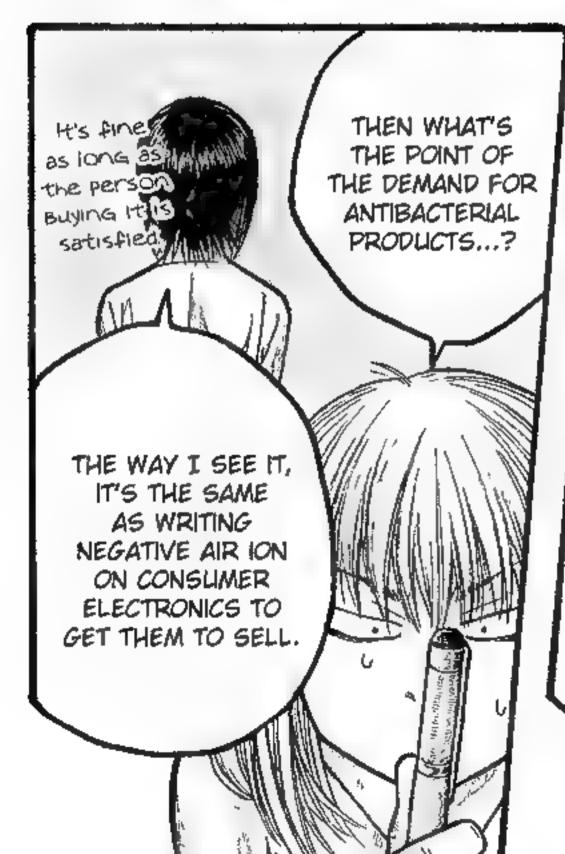




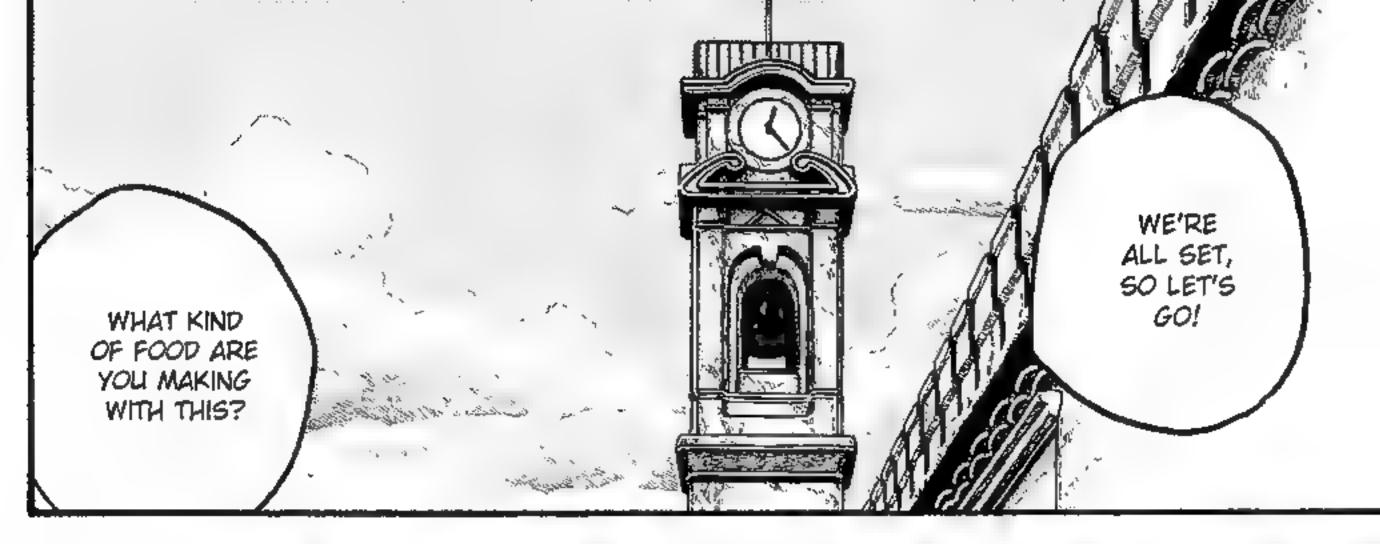


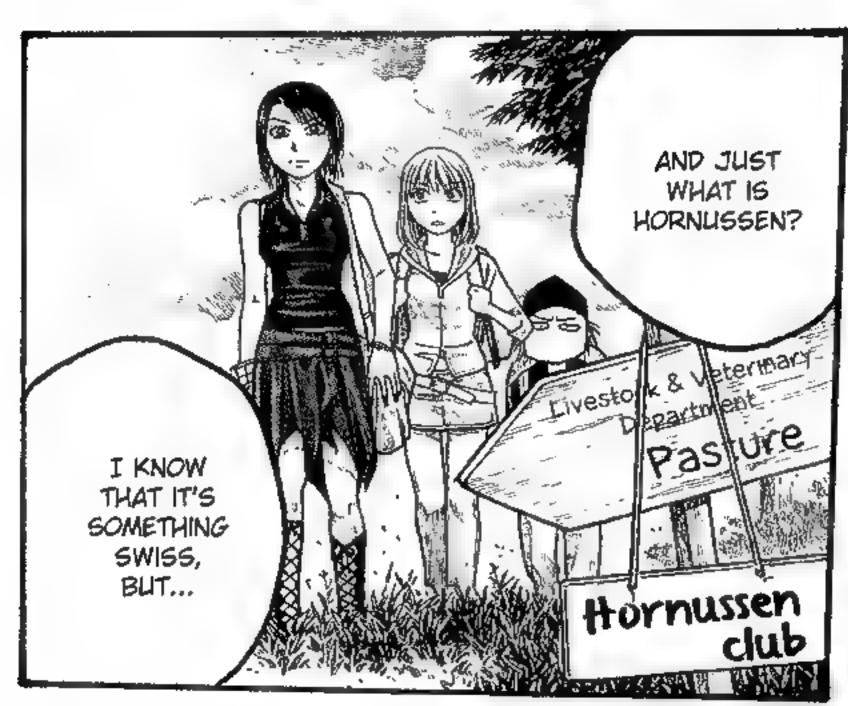


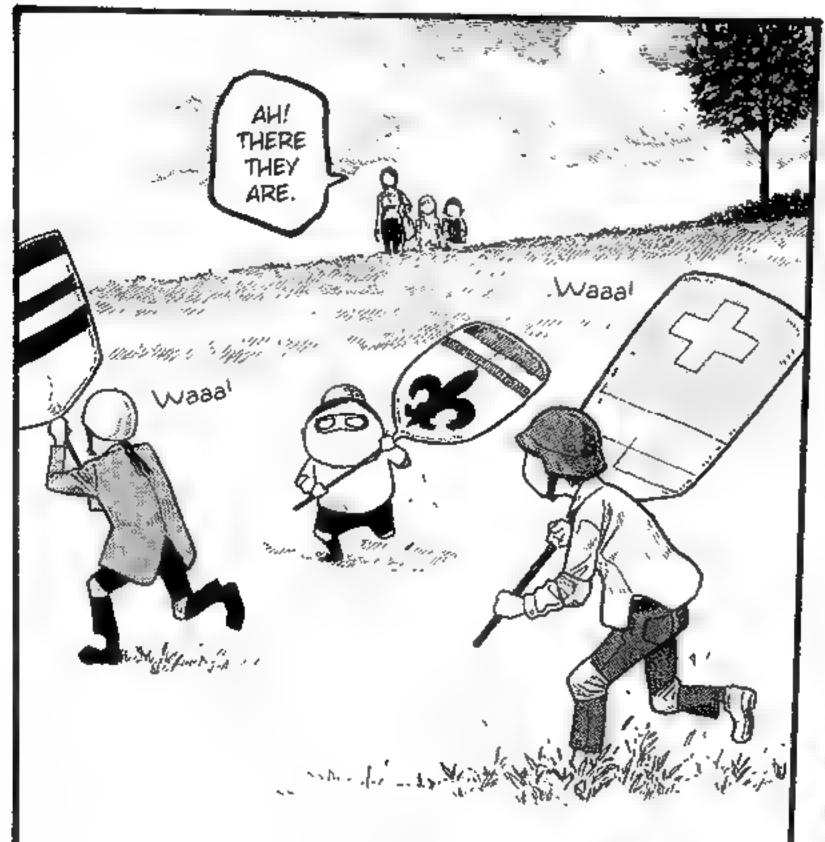


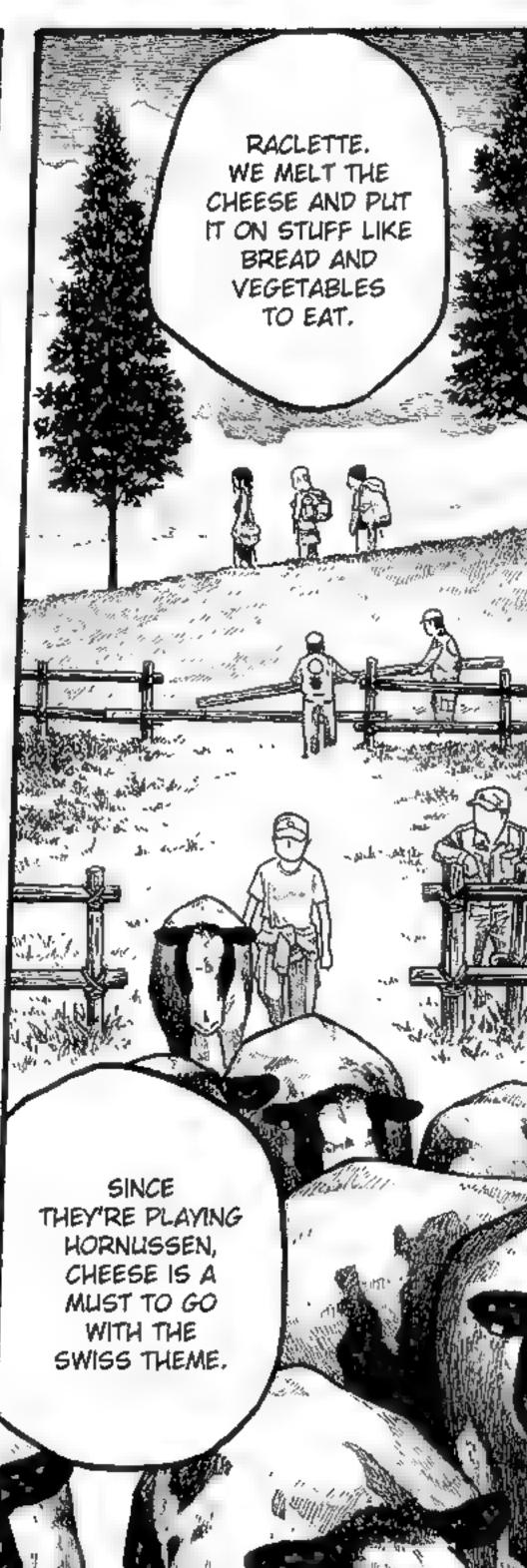


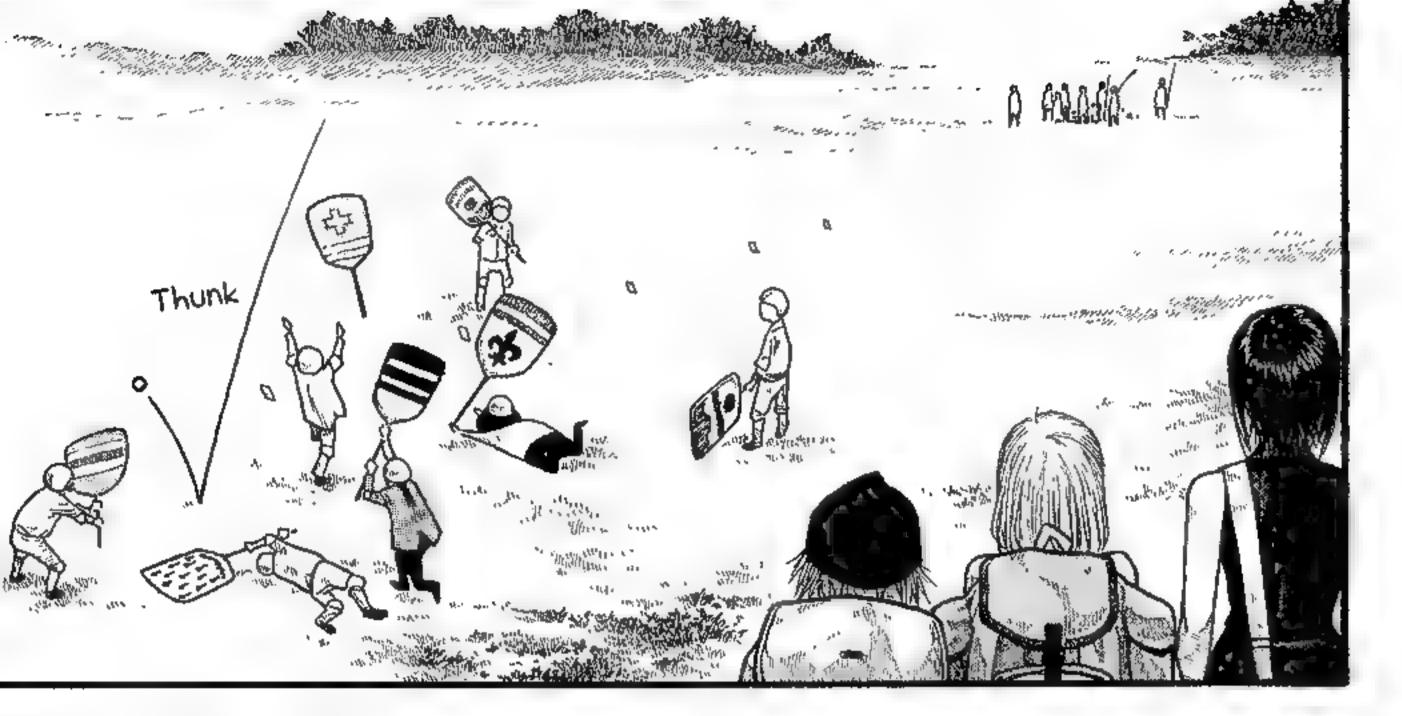


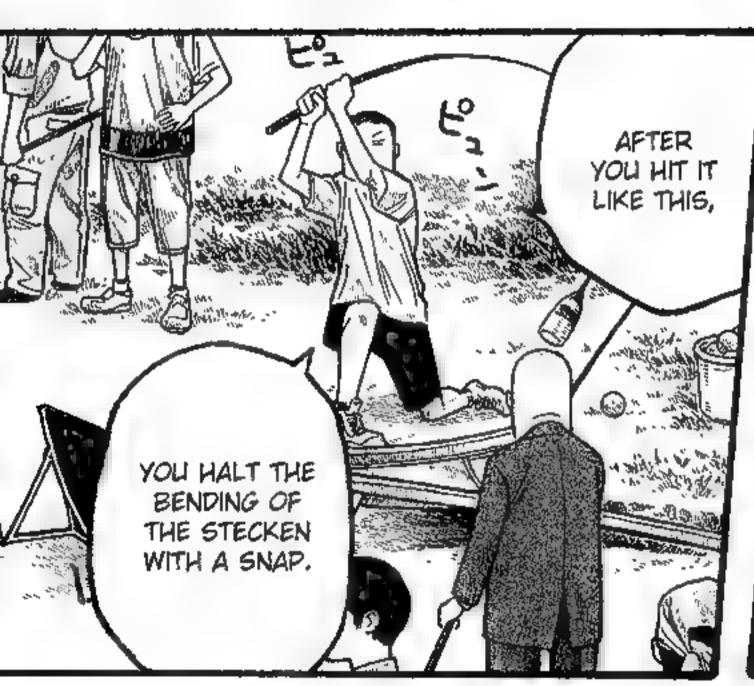




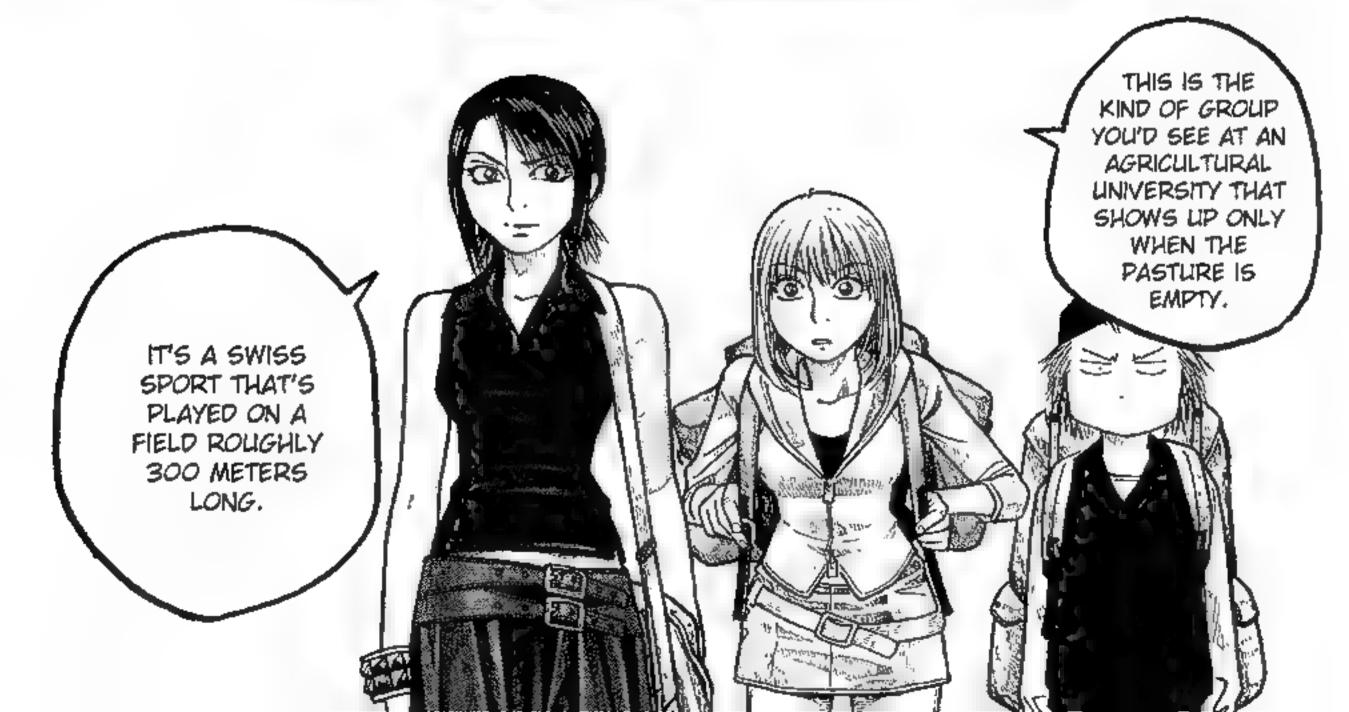












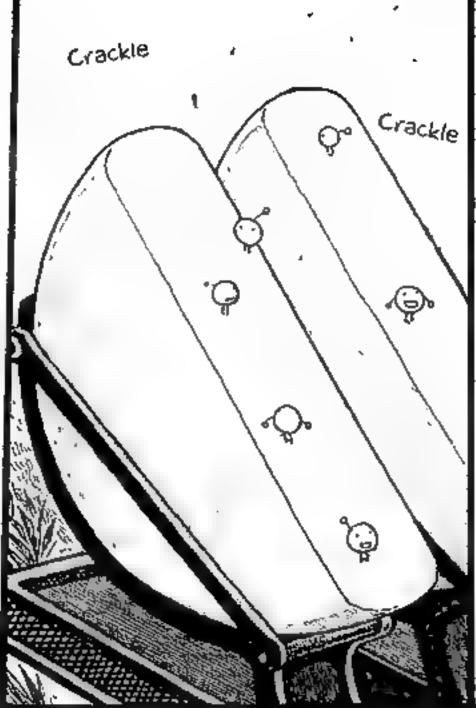


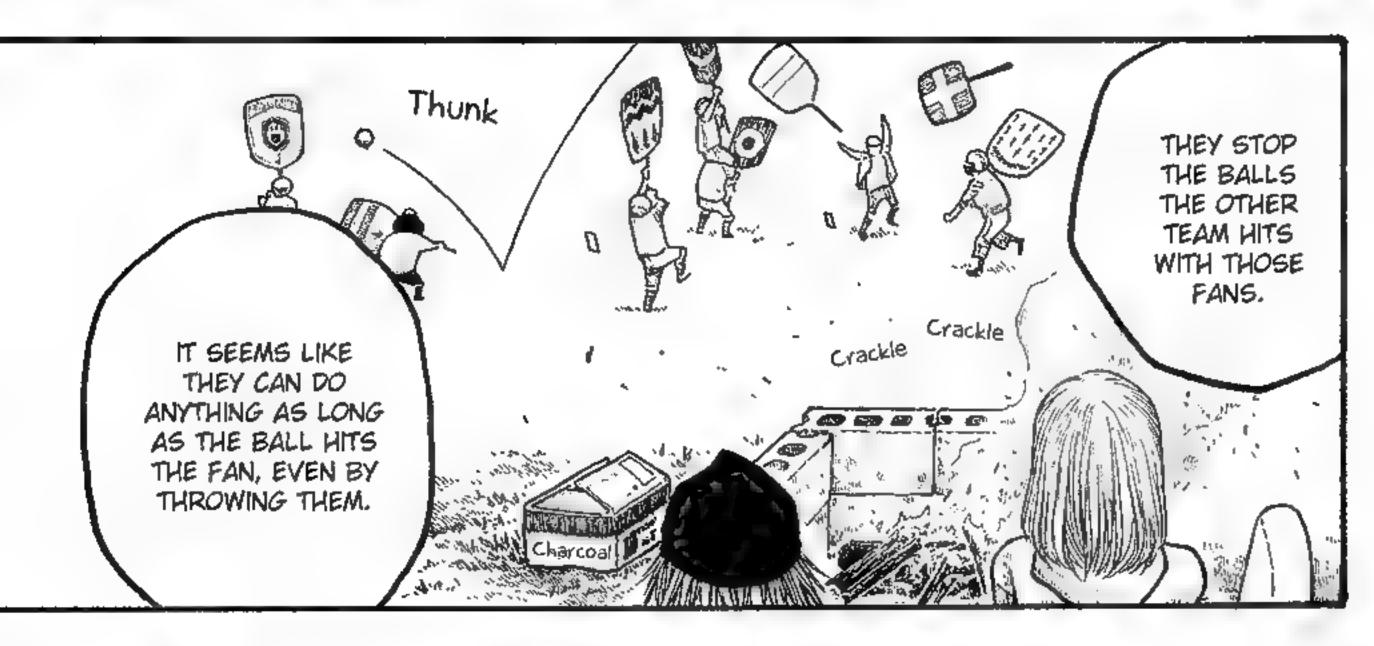






















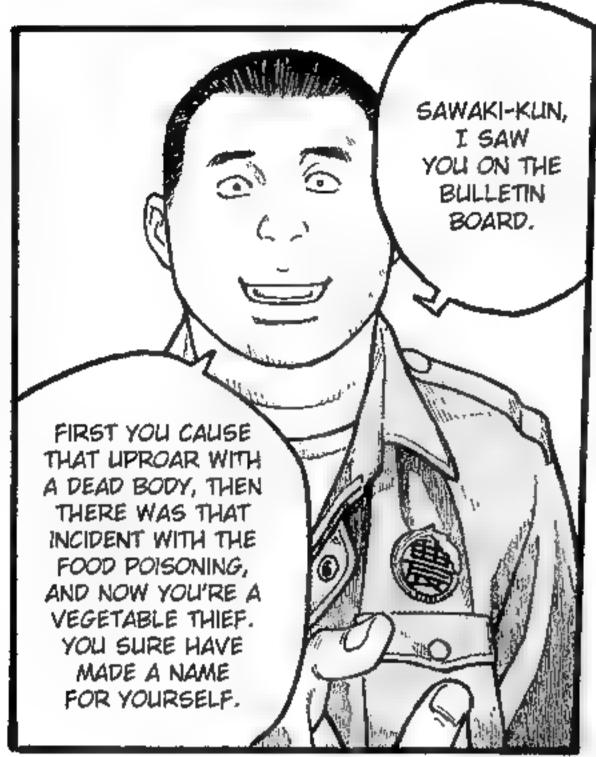


Misato
He's a
second-year
He falled
at homebrewing
sake and
now he has
a large debt
However, he
came to an
agreement
with Itsuki.

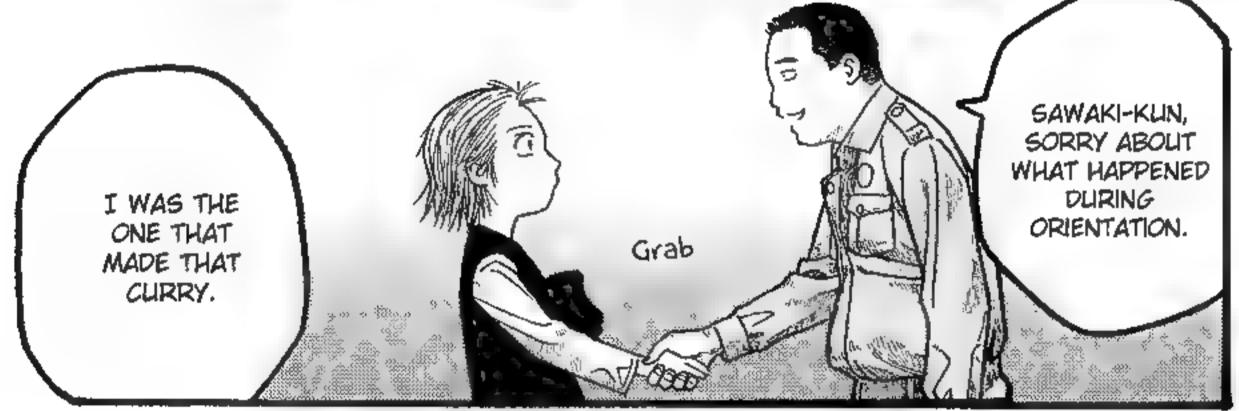


Takuma Kawahama

He's a second-year. He's in debt along with M sato. He likes to eat bugs. The reason for that will be revealed eventually













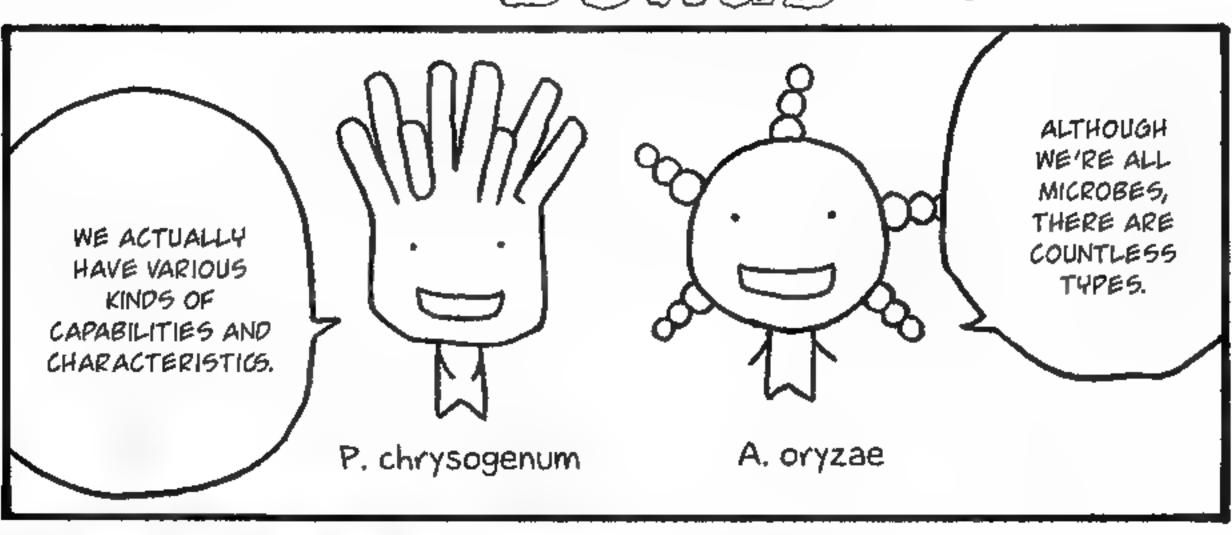


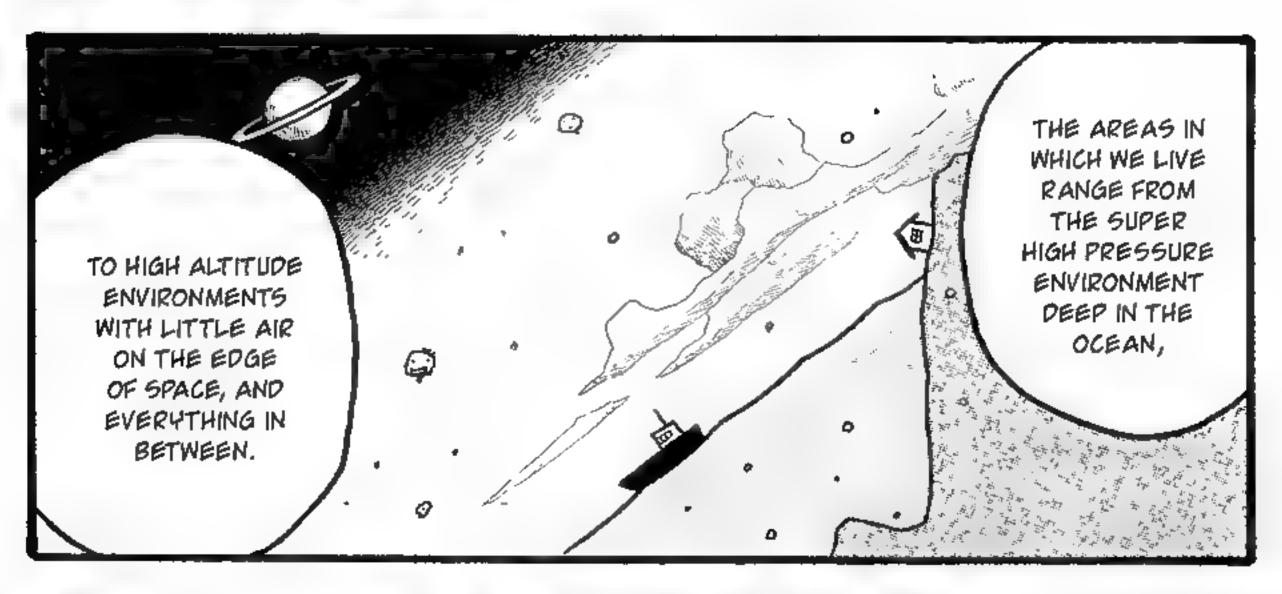


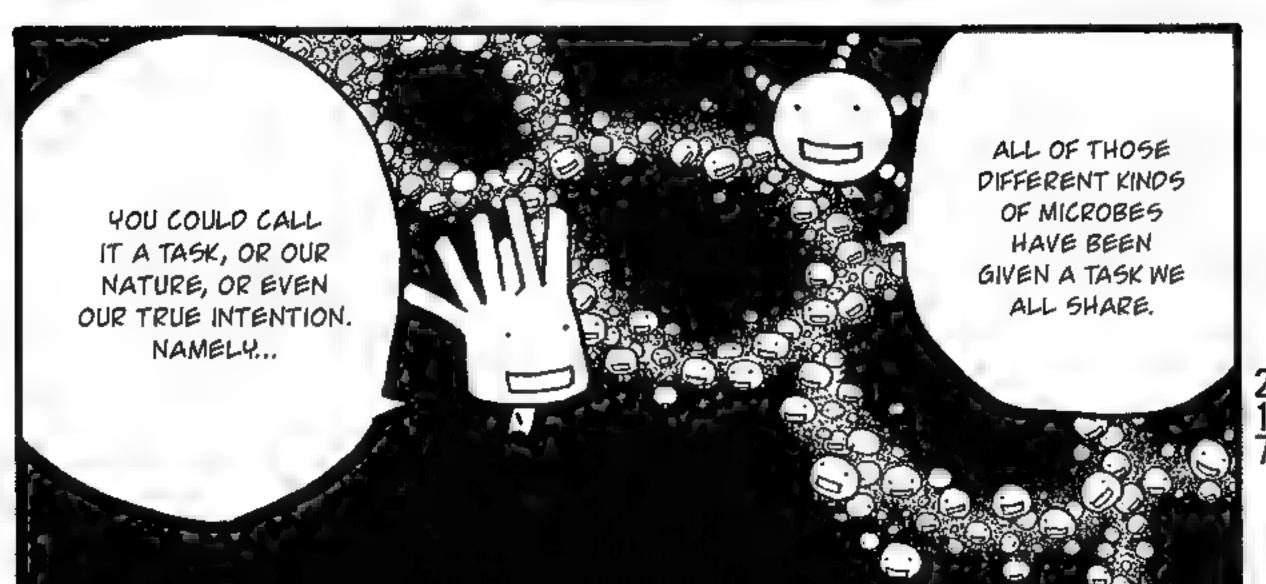


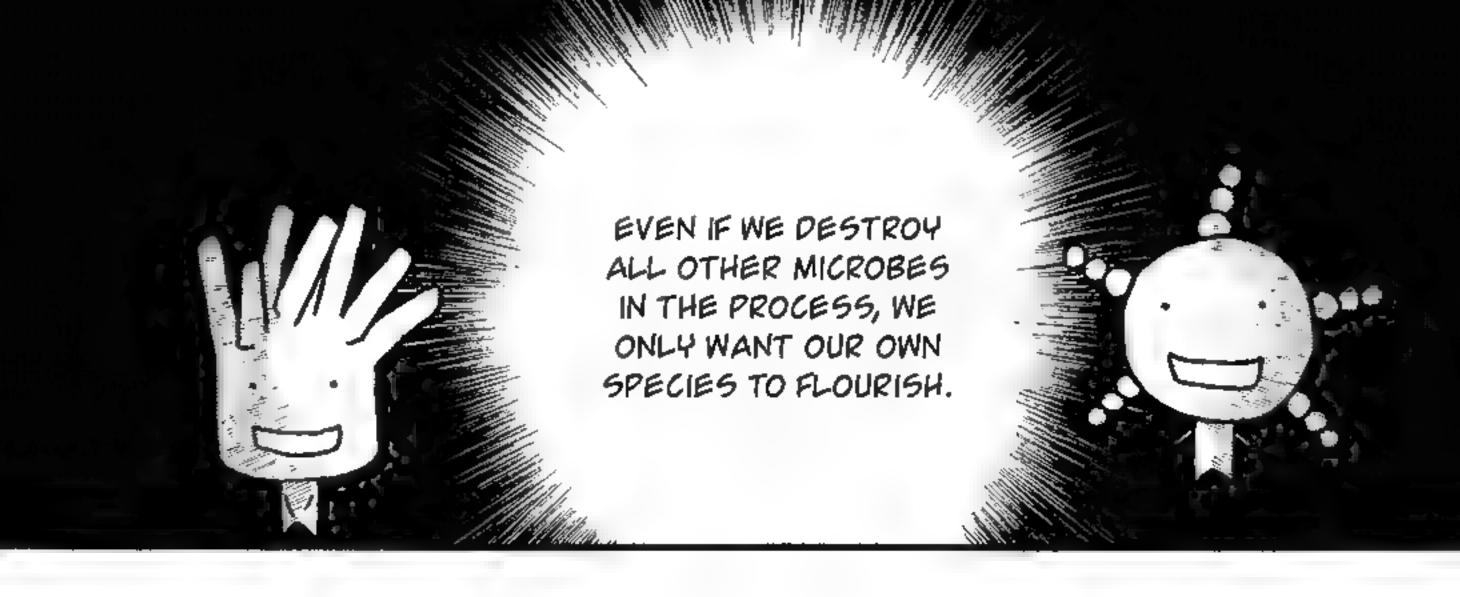
E. coli
It's also
known
as colon
bacteria.
Even if you
don't have
any tollet
paper, avoid
using your
hand.

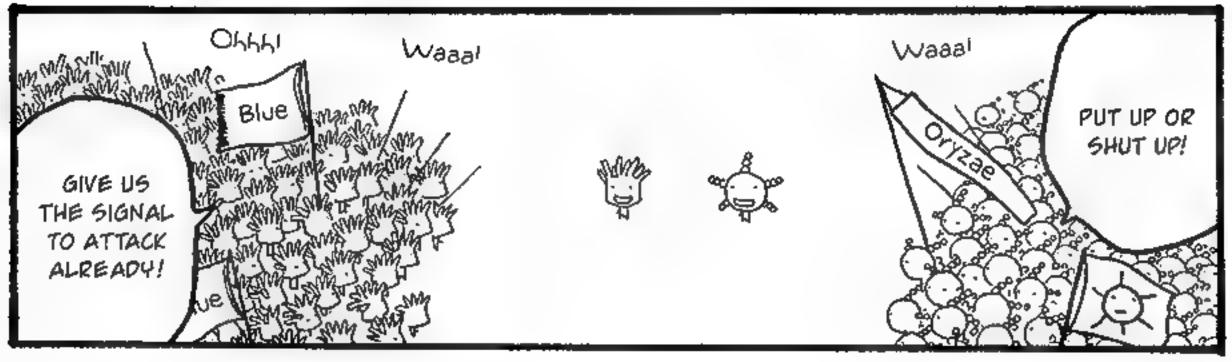


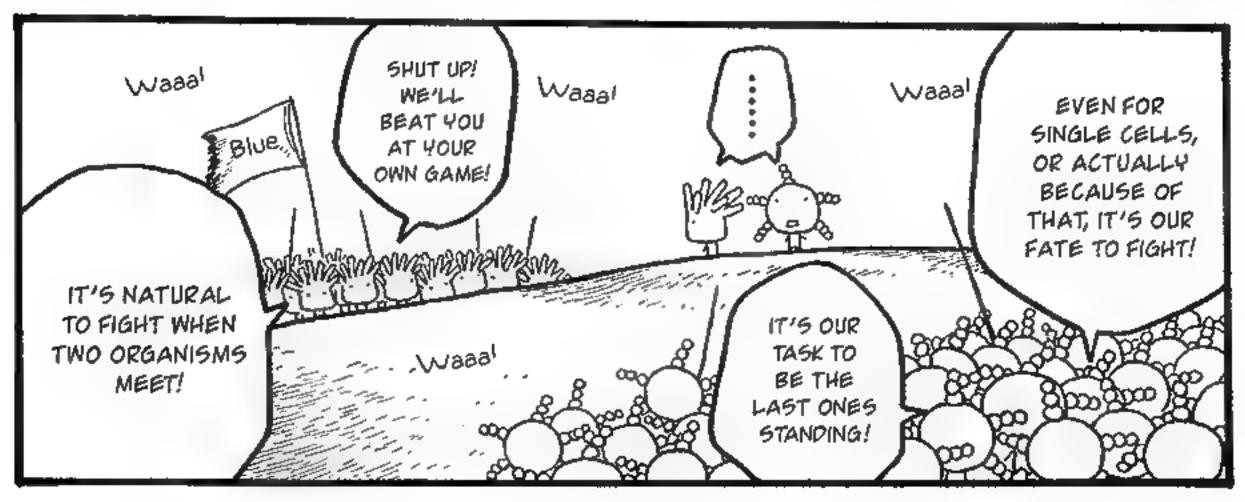


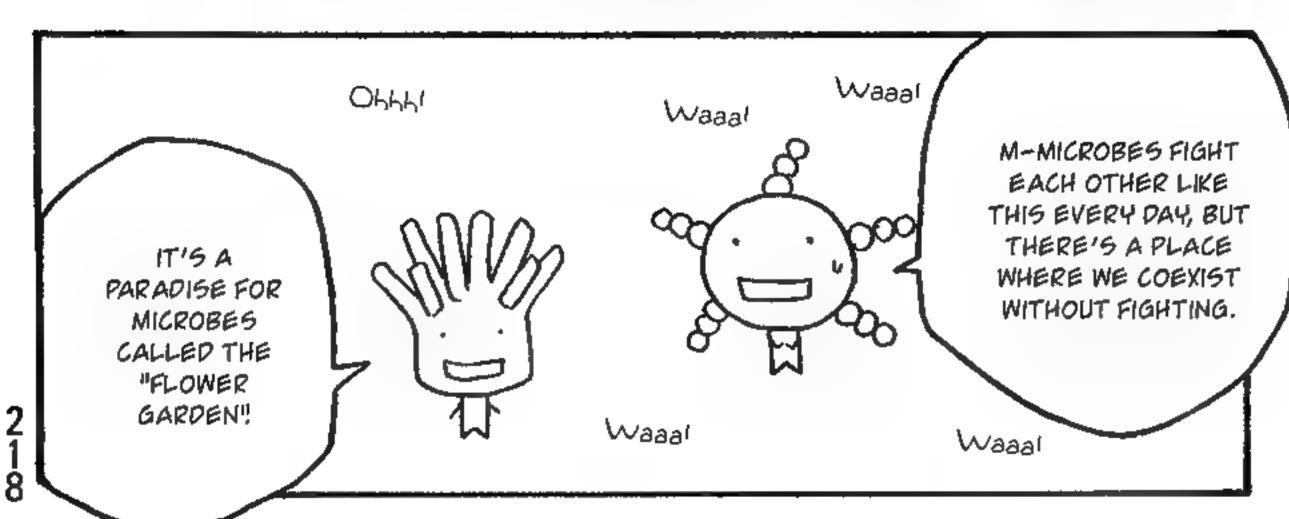


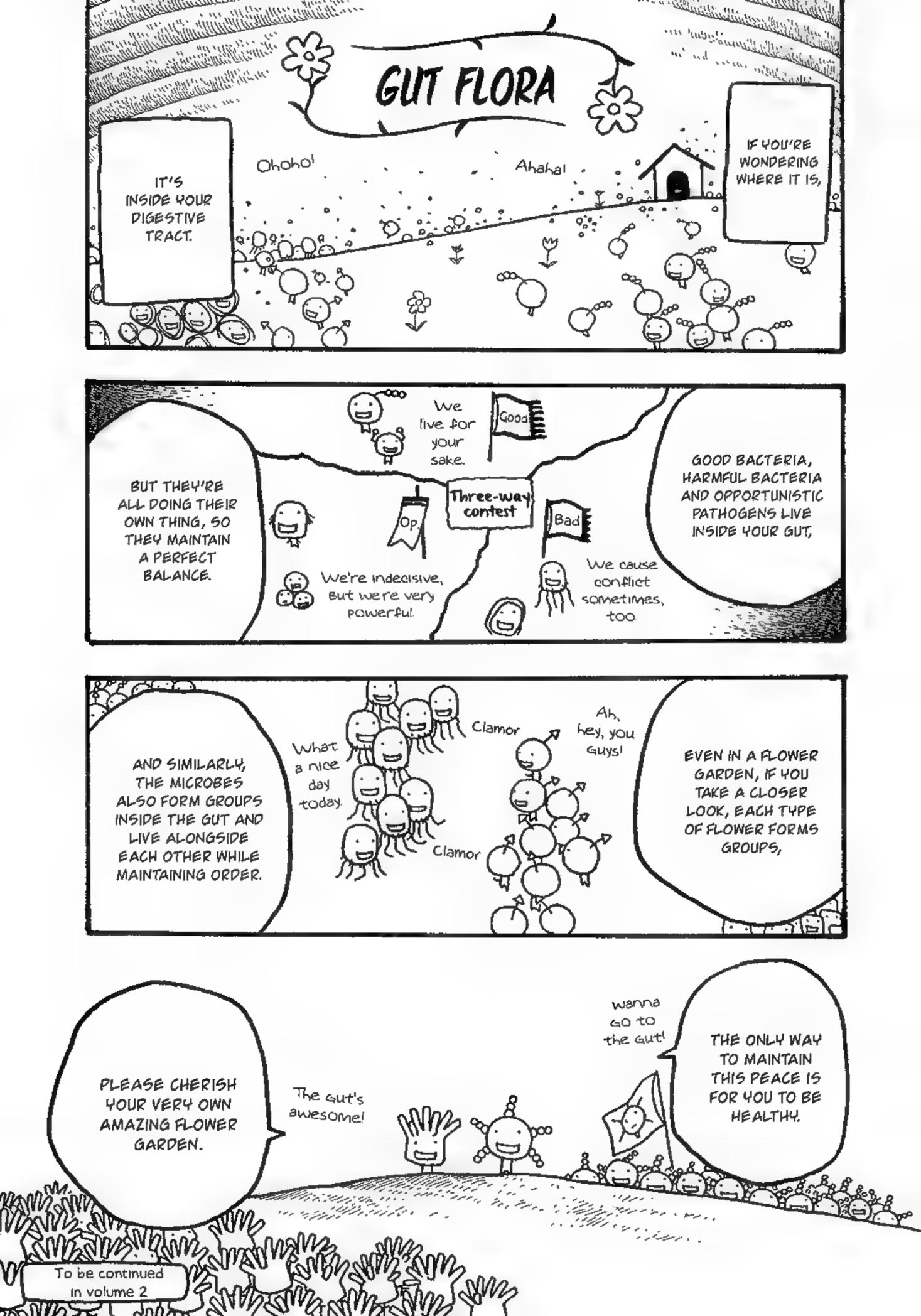




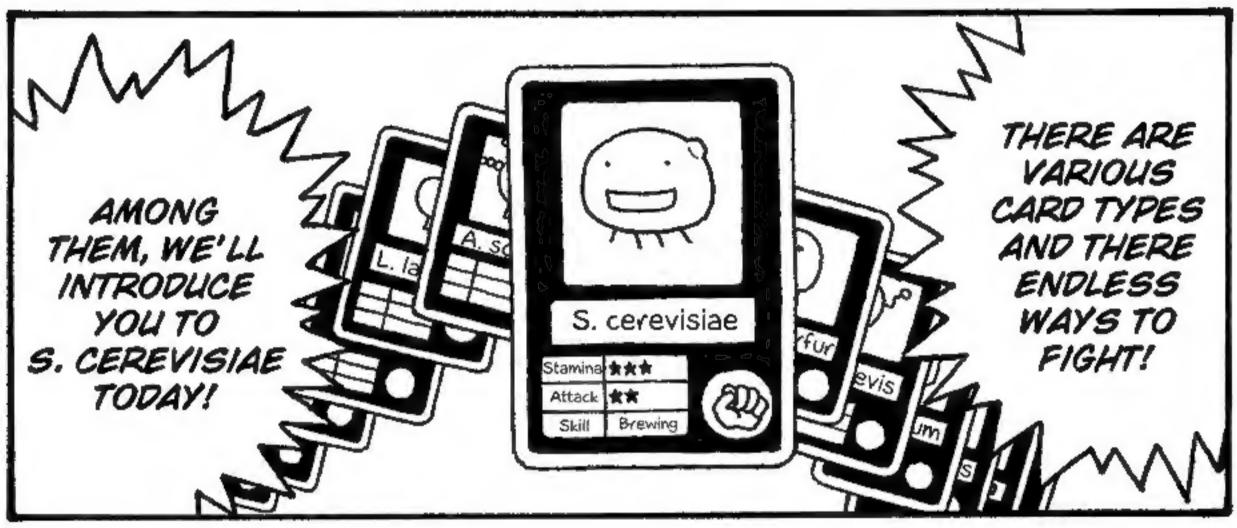






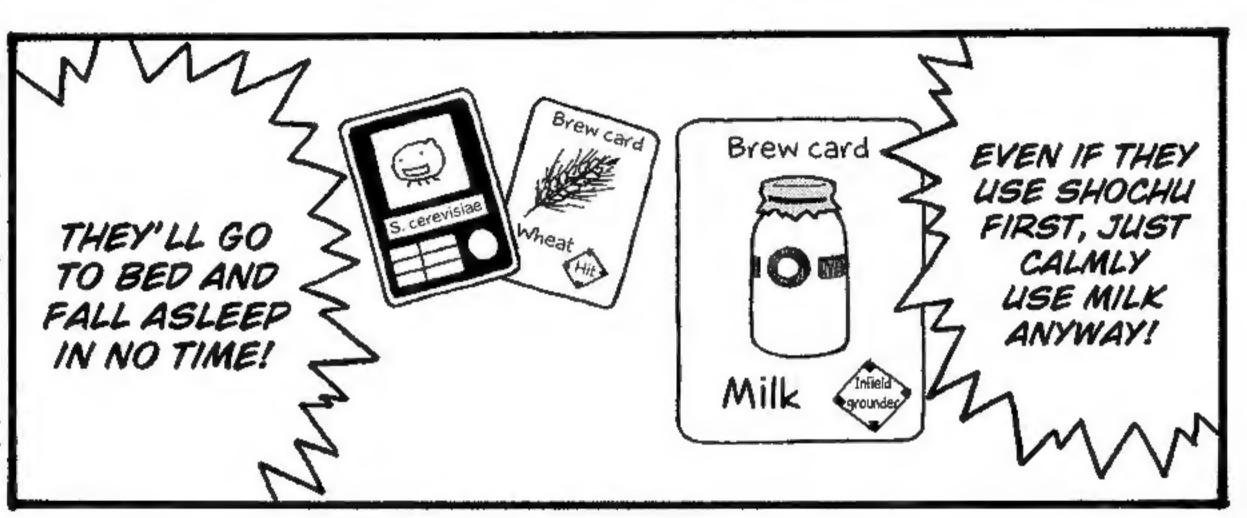


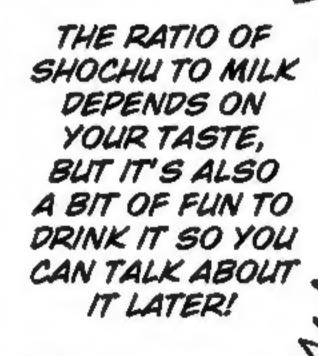






Brew card IF YOU USE MILK Brew card IT STICKS TO BEFORE YOUR THE STOMACH S. cerevisiae OPPONENT LINING, SO Milk Wheat HAS A IT'LL BE CHANCE HARD TO GET TO USE DRUNK! SHOCHU,

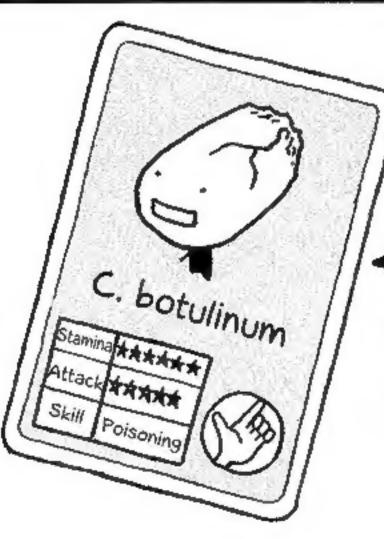






THE
PROBLEM IS
WHEN YOUR
OPPONENT
USES
SHOCHU
WITH MILK!

ADD THE NEW
PLATINUM CARD
C. BOTULINUM TO
YOUR DECK AND
DEFEAT YOUR
OPPONENT
WITH YOUR OWN
TWISTED LOGIC!



DETERMINE
HOW THINGS
ARE ULTIMATLEY
SETTLED WITH THE
ROCK, PAPER,
SCISSORS ICONS
IN THE BOTTOM
RIGHT HAND
CORNER!



